Welcome to the CREATE-X fall 2021 Idea to Prototype (I2P) Showcase. Student inventors across campus will be presenting over 30 functional prototypes with application to real-world problems.

The showcase is the culmination of the I2P course, where Georgia Tech students spend a semester turning their invention idea into a working product. Students earn research credit for the course, in addition to receiving financial support and faculty mentorship.

Tonight’s showcase highlights the talent and hard work of students who participated in I2P throughout the fall semester. Prizes will be awarded for first, second and third place.

EVENT SCHEDULE

5:00 P.M.
I2P SHOWCASE OPEN TO THE PUBLIC

6:45 P.M.
WINNERS ANNOUNCED

7:00 P.M.
EVENT ENDS
MEET THE TEAMS

1. ALTERNOTING
An app to help people affected by Dissociative Identity Disorder (DID) or Other Specified Dissociative Disorders (OSDD) manage their memory and track triggers and alters.

Team members: Sneha Malneedi

2. ANCHOR RESISTANCE
A polymer handle attachment for resistance bands to be used in a variety of exercises, the design is modular.

Team members: Zachary Schenken

3. BARMAID
Barmaid is a digital marketplace streamlining the event venue booking process for bars, clubs, and other unique spaces.

Team members: Matthew Marion

4. CASEDOCKER
An integrated case management and legal workdesk for lawyers and law firms.

Team members: Yash Singhal

5. CRYSTAL
An individualized guide on spirituality for users (not just astrology like other applications).

Team members: Isaac Dobson

6. EARSIGHTED
A low cost auditory detection and alert device for users who cannot afford the market correctives of hearing aids and cochlear implants to be able to respond to certain chosen cues.

Team members: Prasnav Naik, Cauviya Selva

7. EXTREME TERRAIN MOBILITY
A solution to advance the state of art of moving up steep slopes on lunar terrain (> 30 degrees) to support the mobility systems for the Artemis Lunar Base.

Team members: Yujiao Liu, Heying Zhang
8. GRODER
A community-based delivery platform connecting users through the ease of commerce. Groder is aiming to create a delivery service for high density populated areas that links consumers who need any retail product with other consumers already at or headed to the store.

Team members: Rishi Bengani, Tanuj Dunthuluri, Subhash Kanaparthi, Srikar Parsi

9. HEELIOS
A thermoregulated shoe that strives to isolate a patient’s foot to reduce the risk of ulcers.

Team members: Paola Colon, Julian Perez, Jacob Wutzler

10. HITSNAG
A universal notepad for any of your productivity apps that lets teams organize and execute tasks and ideas right from inboxes (and eventually SMS, and Slack), without ever opening another app.

Team members: Aidan Pratt

11. KALVI
Standardized test prep programs taught by recent, top-scoring instructors with high school students.

Team members: Chris Kontomaris, Ritvik Ramakrishnan

12. L7VE
A mobile tracking application for individuals at risk for Chronic Traumatic Encephalopathy (CTE).

Team members: Aakansha Mehrotra, Naz Ozturk, Shruti Vedula

13. NFT PICTURE FRAME
A picture frame designed to display one’s NFT.

Team members: Elijah Peterson

14. NURSEASSIST
A solution that connects patients in nursing care facilities to their nurses using smart home assistants.

Team members: Ahmed Sabeeh, Shakeeb Shams
<table>
<thead>
<tr>
<th>#:</th>
<th>Name</th>
<th>Description</th>
<th>Team members</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.</td>
<td>ONCOIQ</td>
<td>A web app to aid pathologists in making diagnoses, utilizing AI image recognition and social networking.</td>
<td>Gary Peng, Joseph Vitko</td>
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<tr>
<td>16.</td>
<td>OXYGEN</td>
<td>Access control for third parties.</td>
<td>Nemo Yang</td>
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<td>17.</td>
<td>PAY IT FORWARD RECYCLING</td>
<td>A sustainable initiative that incentivizes impoverished/polluted areas to initiate ESG principles into their community structure.</td>
<td>David Reteneller, Jack Voss</td>
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<td>18.</td>
<td>PCB-SEMG</td>
<td>A surface electromyography (sEMG) sensor with its electrode built into the PCB.</td>
<td>Yunho Cho, Jihan Park</td>
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<tr>
<td>19.</td>
<td>QUEUE R</td>
<td>A web app that generates a QR code that automatically adds someone to a virtual line for a specific service.</td>
<td>Srinath Somasundaram</td>
</tr>
<tr>
<td>20.</td>
<td>QUICKSHOP</td>
<td>An in-store shopping navigation that helps delivery people and customers locate groceries with minimal time.</td>
<td>Yi Hu</td>
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<tr>
<td>21.</td>
<td>RADIOCHAIN</td>
<td>A blockchain based music app that empowers artists to turn their songs into individual stocks so fans can invest in them and their art.</td>
<td>Kyle Barone, Cale Russell, Nicole Williams</td>
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<tr>
<td>22.</td>
<td>RANGR</td>
<td>A website for musicians to display, schedule, and get paid for their private lessons.</td>
<td>William King, Richard Lee, Yuma Tanaka</td>
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<tr>
<td>23.</td>
<td>RERENT</td>
<td>A centralized online platform where college students can rent items such as textbooks, camping gear or sports equipment to other students for short periods of time.</td>
<td>Koby Beard, Arjun Goyal, Chris Jackson</td>
</tr>
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24. **RESOMA**
A device for physical rehabilitation.

**Team members:** Jennifer Duong, Vishal Malla, Carsen Miller, Akshat Patel, Yenamala Reddy, Zhiyang Xu

25. **SCOOT**
A collapsible electric scooter in which the battery and controller are stored in one’s book bag and only the motor wheels are on the scooter.

**Team members:** Samay Chandna

26. **STRIDELINK**
A wearable device for use in clinical gait analysis.

**Team members:** Marzeah Khorramabadi

27. **THRUE**
An API that makes audio sound studio quality.

**Team members:** Dong-Hyun (Tony) Kim

28. **TICKIT**
An organization tool that will help people keep track of their belongings when they move homes or travel.

**Team members:** Ana Belen Coronel, Curie Kim, Devanei Solai

29. **TREASURE**
An app that provides digital collectible service to help users explore content made by their favorite content creators in a 3D world.

**Team members:** Xiang Li, Meiqi Lin, Yangming Zhang, Zheyong Zhu

30. **UNI**
An app that consolidates the college social experience by using university email domains to give students the ability to securely invite other students to events quickly and easily, as well as filter through other students in a dating type setting, increasing the efficiency and safety of online dating.

**Team members:** Coleman Thompson, Aidan Walton

31. **VISION**
A novel low-cost wearable device, improving upon existing solutions, that assists the visually impaired population with effectively detecting obstacles in their environment, allowing for a safe and independent means of navigation in the outside world.

**Team members:** Pranay Agrawal
CREATE-X’s Startup Launch is a program for Georgia Tech students and alumni who want to launch their projects from idea stage (or beyond) into fully functioning and viable startups!

Do you have a Capstone or class project that can be commercialized? Apply to Startup Launch today. Applications are currently being accepted on a rolling basis (first come, first served).

APPLY TODAY: CREATE-X.GATECH.EDU

The InVenture Prize at Georgia Tech is a faculty-led innovation competition for undergraduate students and recent B.S. graduates of Georgia Tech.

Each year, after six months of developing and refining their ideas and two rounds of eliminations, six teams emerge to pitch one last panel of judges. The fast-paced finale decides who gets the awarded prize money, help with patent filing, and a spot in a startup accelerator through Georgia Tech’s CREATE-X program.

INVENTUREPRIZE.GATECH.EDU