

# CHIANNE CONNELLY

## EXPERIENCE

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- May 2019 – Current**      **NCR CORPORATION**  
**Software Engineer**
- Developed the front end for upcoming products using artificial intelligence and computer vision for the Software Innovation Lab at NCR. All of our solutions were cloud-based.
  - Enhanced the user experience by developing animations in React
- Jan 2018 – May 2019**      **GEORGIA TECH COLLEGE OF COMPUTING**  
**Head Teaching Assistant**
- Taught students how to develop in C through the use of a Game Boy Advanced emulator for the class CS2261, Media Device Architecture.
  - Created weekly lesson plans for recitations based off of class material and needs for the upcoming labs.
  - Used understanding of C architecture to help students debug code.
- June 2018 – Aug 2018**      **VERIZON CONNECT**  
**UX Intern**
- Developed a working React Native prototype from scratch for new application features.
  - Designed and implemented a new feature on the develop branch of the primary Android Studio project that rewarded users with point-based incentives.
  - Collaborated with coworkers through the use of agile practices to execute various stories.
- May 2017 – May 2018**      **GEORGIA TECH COLLEGE OF SCIENCES**  
**NASA Funded Undergraduate Research Assistant**
- Experimented with Dr. Thomas Orlando to predict the expected exosphere of Europa for the upcoming missions by measuring the sputtering yields of water ice.
  - Built a vacuum chamber to mimic the atmosphere of Europa.
  - Became familiarized with the current understanding of Europa's magnetosphere and subsurface oceans to enhance productivity in the lab.
- May 2016 – Aug 2016**      **GEORGIA TECH NSTP**  
**FASET Orientation Leader**
- Served as an ambassador for Georgia Tech, educating 3000 of incoming students and parents on academic life, campus safety and resources, and extracurricular opportunities at the institution.
  - Facilitated small group meetings alleviating students' and parents' worries, answering questions, and offering advice.

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GA, 30318

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## EDUCATION

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- Expected Fall 2019**  
**GEORGIA INSTITUTE OF TECHNOLOGY**  
**Cumulative GPA: 3.44**
- Bachelor of Science in **Industrial Design**
  - Minor in **Computer Science**
  - Minor in **Chemistry**

## AWARDS

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**Aug 2018**  
**PUBLISHED IN DESIGNING**  
My dinnerware set, Angle-Up, was featured in the summer edition of the UK magazine, "DESIGNing."

**Jan 2018**  
**PRESIDENTIAL UNDERGRADUATE RESEARCH AWARD (PURA)**  
I was awarded PURA to continue conducting my NASA Funded Undergraduate Research with Thomas Orlando.

## SKILLS

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**PROGRAMMING SKILLS**  
JavaScript, C, Java, CSS, HTML, D3, C#, C++, Matlab, Python, React, React Native, Unity, Postman, SCRUM, JIRA, Bitbucket, GitHub, Firebase, Processing, Android Studio, LabVIEW, Xcode, jQuery, Node.js, Cloud Services, Computer Vision, Artificial Intelligence, Machine Learning, Arduino, NPM, Agile Practices

**DESIGN SKILLS**  
Iterative design, Ideation & Brainstorming, Adobe CC/ Sketchbook Pro, Sketch, inVision, KeyShot, SolidWorks, Fusion 360, Axure, Mathematica, Welding, 3D Printing, Laser Cutting, Foam Core Models, Plotting, CNC Wood Cutting