

# 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 front end animations in React
- Generated a redirect link that allowed customers to sign in to our website when they forgot their password.
- Created API endpoints to manipulate variables and send them to other interfaces.

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 professor 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: 3.50

- 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 Sponsored 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, Agile, SCRUM, JIRA, Bitbucket, GitHub, Firebase, Processing, Android Studio, LabVIEW, Xcode, jQuery, Node.js, Cloud services, Computer Vision, Artificial Intelligence, Machine Learning, Arduino

**DESIGN PROGRAMS**

Adobe Photoshop, Adobe Illustrator, inVision, Sketch, KeyShot, SolidWorks, Fusion 360, Adobe AfterEffects, Adobe InDesign, Axure, Mathematica

**MACHINE SKILLS**

Welding, 3D Printing, Laser Cutting, Foam Core Models, Plotting, CNC Wood Cutting