# Alberto Li

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## EDUCATION

### GEORGIA INSTITUTE OF TECHNOLOGY

**B.S. in Computer Engineering**
August 2015 - May 2019 | Atlanta, GA
GPA: 3.92 / 4.00

## LINKS

Personal Site:// **www.albertoli.tech**
LinkedIn:// **albertoli**
Github:// **albertoli**

## SKILLS

### PROGRAMMING
Java • Python • C/C++ • C#
Matlab • Javascript •Bash • SQL

### FRAMEWORKS & LIBRARIES
Angular • NodeJS • React • Redux •
Spark • MongoDB

### INSTRUMENTATION
Oscilloscope • Logic Analyzer •
Signal Analyzer • Soldering

### CERTIFICATIONS
NI LabVIEW CLAD •
Six Sigma Yellow Belt

## LEADERSHIP

### ECE 2031 - DIGITAL DESIGN LAB
**Teaching Assistant**
January 2017 – May 2017
• Facilitate a rapid-prototyping class dominated by FPGA projects guiding students in their lab assignments
• Aid in design and validation of digital logic circuits using industry standard equipment such as oscilloscopes and logic analyzers

### GT ROBOJACKETS - ROBOCUP
**Training Assistant**
Sept 2016 – May 2017
• A Robotics team that competes in a 6-on-6 AI-driven soccer match against teams from around the world
• Lead technical training sessions designed for new RoboJackets members
• Lecture about fundamental circuit analysis techniques, instrumentation, and practical skills to new members

## WORK EXPERIENCE

### AMAZON WEB SERVICES | Software Development Engineer
March 2020 – Current | Seattle, WA

### GOLDMAN SACHS | Engineering Summer Analyst - Investmentment Banking Division
May 2019 – August 2019 | New York, NY
- Worked on Marquee Jupiter Shareholder Analytics Platform
- Implemented regional ownership breakdown analysis feature and investment banking excel report automation
- Implemented cost-basis with multiples feature used for analyzing register funds/institutions on a company's investor portfolio

### EXXONMOBIL | Software Engineering Intern
May 2018 – August 2018 | Houston, TX
- Worked on rewriting full stack solution of HR application in React/Redux, .NET Core, and Entity Framework Core with a focus on User Centered Design
- Increased system stability and reduced user error of HR application

### INTEL CORPORATION | Product Development Intern
January 2018 – May 2018 | Folsom, CA
- Created wrapper library to interface with the test platform's BIOS and BMC through the IPMI protocol
- Developed automated report generation tool for distributing recurring emails on yield metrics for persistent memory DIMMs

### GENERAL ELECTRIC | Embedded Systems Intern
May 2017 – August 2017 | Minden, NV
- Developed advanced debugging system for monitoring device to help reduce product development time by 3 months
- Implemented client-server application on QNX Real-Time Operating System (RTOS) in C/C++ with Sockets API on the server-side and a C# front-end

### FLORIDA POWER & LIGHT | Software Engineering Intern
May 2016 – August 2016 | Miami, FL
- Designed and developed questions log application using Visual Basic and SQL Server for Customer Accounting to increase visibility and reporting capabilities
- Exercised project management skills, scheduled demos and coordinated with training department to set up job aids and training sessions for application

## RESEARCH

### INTELLIGENT VISION & AUTOMATION LAB | Research Assistant
Sept 2017 – December 2017 | Georgia Tech | Atlanta, GA
- Worked with a team of four other undergraduate researchers, combining AR technologies and ROS to create a feedback system such that a user can control a robotic arm with the Hololens.

### INAN MEDICAL DEVICES LAB | Research Assistant
Sept 2016 – May 2017 | Georgia Tech | Atlanta, GA
- Worked on a smart sensor packaging system for characterizing sensor-to-body interactions in wearable medical devices.
- Implemented vibrational system using accelerometers and a bone transducer to generate a heat map to predict location.