

# Alberto Li

www.albertoli.tech | lialbertog6@gmail.com | 305.790.7218 | U.S. Citizen

## EDUCATION

### GEORGIA INSTITUTE OF TECHNOLOGY

#### M.S. IN COMPUTER SCIENCE

August 2020 - 2023  
(while working Full-Time)

#### B.S. IN COMPUTER ENGINEERING

August 2015 - May 2019 | Atlanta, GA  
GPA: 3.92 / 4.00

## LINKS

Personal Site:// [www.albertoli.tech](http://www.albertoli.tech)

LinkedIn:// [albertoli](https://www.linkedin.com/in/albertoli)

GitHub:// [albertoli](https://github.com/albertoli)

## SKILLS

### PROGRAMMING

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

### FRAMEWORKS & LIBRARIES

Angular • NodeJS • React • Redux •  
Spark • MongoDB

### INSTRUMENTATION

Oscilloscope • Logic Analyzer •  
Signal Analyzer • Soldering

## 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 ENGINEER

SDE II | April 2021 - Current | Seattle, WA

SDE I | March 2020 – March 2021 | Seattle, WA

- Designing and developing a geo-distributed and highly scalable data migration service for AWS
- Technical Stack: Java, Ruby on Rails, Databases - Postgres, MySQL, DynamoDb, Infrastructure: EC2, S3, RDS, IAM, CFN

### GOLDMAN SACHS | ENGINEERING SUMMER ANALYST - INVESTMENT BANKING DIVISION

May 2019 – August 2019 | New York, NY

- Worked on Marquee Jupiter Shareholder Analytics Platform as a full-stack dev
- Implemented regional ownership breakdown analysis, cost-basis with multiples features, and investment banking excel report automation
- Technical Stack: Java, Angular, Scala, MongoDB

### 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 and automated yield metric reporting capabilities

### 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 team of undergraduate researchers to create feedback system for user to control a robotic arm with HoloLens using ROS and AR technology

### 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