

Alberto Li

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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

LinkedIn:// [albertoli](#)

Github:// [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 ADVERTISING | SOFTWARE ENGINEER

SDE II | March 2022 - Current | New York, NY

- Designing and developing the Amazon Advertising Demand Side Platform
- Technical Stack: Java, Python, Typescript. Infrastructure: ECS, Lambda, ECS, SQS, SNS, S3, ES, Cloudfront, IAM, CFN

AMAZON WEB SERVICES | SOFTWARE ENGINEER

SDE II | April 2021 - March 2022 | 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. Stack: C/C++, QNX RTOS, Sockets, C#

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

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