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 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, React, Ruby on Rails, Databases - Postgres, MySQL, DynamoDb, Infrastructure: EC2, S3, RDS, IAM, CFN

GOLDMAN SACHS | Engineering Summer Analyst - Investmentment 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