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EXPERIENCE

Salesforce **Member of Technical Staff** **2019 – Present**

- Engineered front end components using React and GraphQL for Salesforce's newest cloud – Philanthropy Cloud
- Unit tester for GoLang and Python gRPC endpoints used in 2FA YubiKey authentication service

Pathrise **Part-Time Technical Advisor** **2019 – Present**

Career accelerator startup focused on teaching C.S. students how to get a job

- Coached behavioral & technical interviews for students teaching fundamental C.S. concepts and behavioral techniques
- Creator of technical workshops and curriculum enhancements

General Electric **Senior Software Engineer** **2015 – 2019**

GE – Healthcare: Senior Software Engineer

- Developed customer facing web applications using React, GraphQL, and Material Design
- Programmed backend API's for enterprise-level digital healthcare products operating on three continents

GE – Aviation: Software Engineer

Rotational program with 6-months of work experience in each Backend, Full Stack, Data Analytics & Cyber Security

- Implemented Apache Solr search engine for small production environment saving \$200,000 in third party licensed software
- Engineered framework for analysts to chain ~170 "warning" indicators together to reduce false positives of internal data leaks
- Lead technical interviews for the team resulting in three new full-time hires for GE Aviation
- Implemented Java RESTful API endpoints for project management budgeting tool to improve shared budget information
- Spearheaded and trained team to adopt GitHub and Git CLI, improving speed of development and introducing version control
- Accelerated \$6,300,000 cash opportunity by programming backend SQL tool for inventory reduction

EDUCATION

Georgia Institute of Technology **Master of Science** **2018 - 2020**

Computer Science with Artificial Intelligence concentration

Coursework: Advanced Networking; Information Security; Software Analysis & Testing; Software Architecture, Health Informatics

Achievements: Teacher's Assistant; 2018 SCLA Honor Society member

University of Michigan **Bachelor of Science** **2014 - 2017**

Computer Science with Software Engineering concentration

Coursework: Advanced C++; Data Structures & Algorithms; Object-Oriented Programming; Networking; Operating Systems

Achievements: Teacher's Assistant; Dean's List; ICPC Programming Competition Competitor 2015 & 2016; ACM member

PROJECTS

L.A.T.E Chrome Extension: Chrome extension helping language learners increase passive study time by swapping words on webpage into their target language of learned vocabulary words from popular Duolingo application

Minesweeper Web Application: A web-based version of minesweeper with beginner, intermediate, and advanced modes

VIM Keyboard: Scripts to enable global Vim-like key bindings allowing programmers to move between programs & text quickly

ADDITIONAL EXPERIENCE & AWARDS

Treehouse Hackathon Winner: 1st in US; 2nd place globally in Treehouse learning hackathon against 72 competitors across 14 countries

2x "Above & Beyond" Winner: Hundreds of dollars in gift cards given for going "Above & Beyond" what is required

Nominated "Best Digital Technology Program Member": 4th out of 47 program members

Leadership Experience: GE Crotonville Leadership Training, SWE Class Team Lead; President of Math & Physics Club

TECHNOLOGIES & SKILLS

Professional Language Experience: Java, Python, React, JavaScript, GoLang, C#

Language Experience: C++, C, Angular, jQuery, Node

Tools: Docker, AWS, Heroku, Hibernate, MyBatis, Apache Solr, Material-UI

Databases: PostgreSQL, Microsoft SQL Server, MongoDB

Concepts: Agile Scrum, Kanban, REST, gRPC, OAuth, 2FA