

ARSEN OHANYAN

San Diego, California

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4R53N.github.io

EDUCATION

San Diego, CA

University of California San Diego

Graduating Jun 2021

- BS in Computer Science – 4.0 Major GPA | 3.87 Overall GPA

SKILLS

- **Languages:** Java, Python, JavaScript, C++, C, HTML5/CSS3(SASS/LESS)
- **Frameworks/Libraries:** React/Redux, Node.js/Express.js
- **DevOps and DBs:** MongoDB, MySQL, Docker, AWS, Git, UNIX/Linux

EXPERIENCE

Software Engineer Intern

Amazon, Inc.

Jun 2020 – Present

AWS, Java, Junit, Guava, Distributed Computation, Multithreading, React/Redux

- Currently developing Transfer Pricing Engine and Journal Entry systems at Amazon for the FinTech Team
- Utilizing AWS infrastructure to generate advanced reports of transactions for over 1000 accountants
- Reduced the report generation time by 83% from an average of 90 minutes to an average of 15 minutes

IT Support Technician

University of California San Diego

Sep 2019 – Jan 2020

Network/Hardware Architecture, Security Practices, Communication Skills

- With my team, successfully executed the transition of over 60,000 users to TFA authentication in a month
- Assisted over 10,000 Fall 2019 incoming students with setting up network configurations
- Cooperated with 79 other IT Departments to efficiently solve users' problems

Mathematics Tutor

Glendale Community College

Sep 2018 – Jan 2019

- Tutored over 200 students individually or in small groups and helped them improve their math skills
- Had many tutees grow from receiving Cs in tests to getting As and receiving mathematics honors
- Assisted with math problems in all levels ranging from elementary algebra to multivariable calculus

Back End Developer Intern

Herth

Jun 2018 – Aug 2018

JavaScript, Node.js, Express.js, MongoDB, Git, Passport JS, OAuth 2, AWS

- Built RESTful API using Node JS/Express to do CRUD operations on users' data saved on AWS S3 bucket
- Developed web scraper to gather data on real estate. Scraped data on over 11,600 properties in California

SELECTED PERSONAL PROJECTS

Orchid (2019) | <https://github.com/4R53N/orchid> | <https://orchid-frontend.herokuapp.com/>

React 16.9, Node JS/Express, Passport JS, HTML 5, CSS 3, MongoDB, AJAX

- Developed POS system using MERN Stack for managing customer data, executing sales, generating reports

OptiEat - SDHacks (2019) | <https://github.com/OptiEat>

React 16.9, Node JS/Express, HTML5, CSS3, AWS, Heroku, AWS, Machine Learning

- Cooperated with my 3 teammates to create ML application offering meal plans that minimize food waste
- Reduced waste from an average of 38% to 0%

Payroll System (2017)

Java, MySQL

- Used Java and MySQL to create a payroll system still being used by over 15 merchandise stores

LEADERSHIP

ACM UCSD – Developer

- Developed and maintained the membership portal for over 1000 members
- Organized Python and Web Development workshops consistently drawing 500+ participants every quarter

IEEE UCSD – Technical Committee Member

- Organized workshops to teach students Machine Learning and Algorithms problem solving techniques