ARSEN OHANYAN

San Diego, California

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EDUCATION

San Diego, CA	University of California San Diego	Graduating Jun 2021

- BS in Computer Science – 3.96 Major 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; Jira; Linux/UNIX

EMPLOYMENT

SWE Intern	Amazon, Inc.	Jun 2020 – Present

- Currently, developing the Transfer Pricing Engine and the MJE system at Amazon for the Fintech Team.

IT Support Technician	University of California San Diego	Sep 2019 – Jan 2020

- 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
- Leveraged knowledge in Network/Hardware Architecture, Security Practices, Communication Skills

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
- Helped students become independent problems solvers
- Assisted with math problems in all levels ranging from elementary algebra to multivariable calculus

Back End Developer Intern	Herth	Jun 2018 -Aug 2018

- Built RESTful API using Node JS/Express to do CRUD operations on users' data saved on AWS S3 bucket
- Set up the authentication system for the website using Passport JS middleware
- Created scraper to gather data on real estate. Scraped data on over 11,600 properties in California
- Leveraged knowledge in JavaScript, Node.js, Express.js, MongoDB, Git, Passport JS, OAuth 2, AWS

SELECTED PERSONAL PROJECTS

Orchid (2019) | https://github.com/aohanyan/orchid

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

- Developed POS system using MERN Stack for managing inventory and customer data, doing sales and viewing reports

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

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

- Within 36 hours created the front end and the RESTful API for the application scanning grocery receipts and providing a meal plan that minimizes the 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

ADDITIONAL EXPERIENCE AND AWARDS

ACM UCSD – Developer – Developed and maintained the membership portal for over 1000 members. Taught Python and Web Development to freshmen.

iEEE UCSD – Technical Committee – Organized workshops to teach students Machine Learning and Data Structures and Algorithms problem solving techniques.

International Students Association – President - Achieved the highest engagement rate in years, with more than 700 active members. Grew the social media engagement almost twice.

ASGCC Scholarship - Selected for the Glendale Community College Associate Students Scholarship for 3 quarters in a row for academic excellence and community involvement