

# ARSEN OHANYAN

San Diego, California

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## EDUCATION

<b>San Diego, CA</b>	<b>University of California San Diego</b>	<b>Graduating Jun 2021</b>
<ul style="list-style-type: none"><li>• Bachelor of Science in Computer Science – 3.96 Major GPA</li></ul>		

## 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

<b>SWE Intern</b>	<b>Amazon, Inc.</b>	<b>Jun 2020 – Present</b>
<ul style="list-style-type: none"><li>• Currently developing the Transfer Pricing Engine and MJE system at Amazon for the Fintech Team.</li></ul>		
<b>IT Support Technician</b>	<b>University of California San Diego</b>	<b>Sep 2019 – Jan 2020</b>
<ul style="list-style-type: none"><li>• With my team successfully executed the transition of over 60,000 users to TFA authentication in a month</li><li>• Assisted over 10,000 Fall 2019 incoming students with setting up network configurations</li><li>• Cooperated with 79 other IT Departments to efficiently solve users' problems</li><li>• <u>Leveraged knowledge</u> in Network/Hardware Architecture, Security Practices, Communication Skills</li></ul>		
<b>Mathematics Tutor</b>	<b>Glendale Community College</b>	<b>Sep 2018 – Jan 2019</b>
<ul style="list-style-type: none"><li>• Tutored over 200 students individually or in small groups and helped them improve their math skills</li><li>• Had many tutees grow from receiving Cs in tests to getting As and receiving mathematics honors</li><li>• Helped students become independent problems solvers</li><li>• Assisted with math problems in all levels ranging from elementary algebra to multivariable calculus</li></ul>		
<b>Back End Developer Intern</b>	<b>Herth</b>	<b>Jun 2018 -Aug 2018</b>
<ul style="list-style-type: none"><li>• Built RESTful API using Node JS/Express to do CRUD operations on users' data saved on AWS S3 bucket</li><li>• Set up the authentication system for the website using Passport JS middleware</li><li>• Created scraper to gather data on real estate. Scraped data on over 11,600 properties in California</li><li>• <u>Leveraged knowledge</u> in JavaScript, Node.js, Express.js, MongoDB, Git, Passport JS, OAuth 2, AWS</li></ul>		

## 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 minimize 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