

# Vladimir Pinchuk

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## EDUCATION

### University of New Mexico

BS, Computer Science

2017–2019

Albuquerque, New Mexico

### University of San Diego

BS, Computer Science - Graduated Aug. 2021 (GPA 3.45)

2019–Present

San Diego, California

MS, Finance - Graduation expected May 2022

## WORK EXPERIENCE

### Database Developer Intern

Aya Living Inc.

June 2020–August 2020

San Diego, California

- Built a database through FileMaker with an integrated graphical user interface (GUI) that improved workplace productivity by 50% through the automation of data entry tasks
- Designed scripts in Claris Dynamic Markup Language (CDML) that were applied mainly for GUI interactions and maintenance of the database

### Cyber Security Engineer Intern

The RealReal

June 2021–August 2021

San Diego, California

- Automated the creation of Jira Issues based on vulnerability tickets from three different security tools with the help of python REST APIs and webhooks, reducing remediation periods by 40%
- Made use of AWS Services (Lambda, Gateway API, EC2, Cloudwatch) to deploy said REST API on cloud infrastructure
- Eliminated 97% of critical vulnerability issues on company wide Github repositories to improve overall security
- Integrated a security tool CLI, for continuing vulnerability scanning, into the CI/CD pipeline through docker images

## PROJECTS

### Senior Capstone Project (Qualcomm)

- Developed a Python library that can predict models of EDA tool usages and minimize over and under purchasing (linear programming – SciPy, unittest, pandas). Following, plots were made to illustrate custom chip roadmaps for upper management to visualize data in an effective manner (matplotlib)
- Created a dashboard (JavaScript, HTML, CSS), that uses the python library in combination with a Django database

### Chatbot

- Programmed a chatbot in python (numpy), through machine learning methods (neural networks), that functions as a personal assistant to give accurate answers to questions such as absence, scheduling, contact information ect.

### Portfolio Website

- Created a portfolio with the help of JavaScript (reactJS), HTML and CSS that incorporates professional experience, technical knowledge and links to third party sources such as LinkedIn page and GitHub repositories
- Deployed the portfolio on Google Cloud Platform (GCP) incorporating CI/CD methodologies through Docker

## TECHNOLOGIES AND LANGUAGES

- Programming languages: Python, Java, JavaScript, HTML, CSS, CDML
- Technologies: Amazon Web Services, Google Cloud Platform, Docker
- Languages: German (Native), Russian (Native), English (Native), French (Basic)

## LEADERSHIP EXPERIENCE

- Captain of the University of San Diego Basketball Team (D1 - NCAA)
- Representing member of the basketball team for Student-Athlete Advisory Committee (SAAC)