

Vladimir Pinchuk

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EDUCATION

University of New Mexico

2017–2019

University of San Diego

2019–Present

BS, Computer Science - Graduated 2021 (GPA 3.45)

San Diego, California

MS, Finance - Currently enrolled

WORK EXPERIENCE

Database Developer Intern

June 2020–August 2020

Aya Living Inc.

San Diego, California

- Build 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

June 2021–Present

The RealReal

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
- Made use of AWS Services (Lambda, Gateway API, EC2, Cloudwatch) to deploy said REST API on cloud infrastructure
- Eliminated 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 website 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.
- Made use of Google Clouds web hosting services to host said website.

TECHNOLOGIES AND LANGUAGES

- Programming languages: Python(SciPy, unittest, numpy, pandas), JavaScript, HTML, CSS, CDML
- Technologies: AWS (Lambda, EC2, API Gateway), 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)