Miles Milosevich

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Education

Fowler School of Engineering, Chapman University, Orange, CA

B.S. in Software Engineering and Minor in Neuroscience

Expected Graduation in 2022

- Presidential Scholar

Monte Vista High School, Danville, CA ▬ 4.1 GPA Weighted

Graduated in 2018 with Honors

Work Experience

Software Engineering Internship at Arcules   **2020**

- Worked on UI development and microservices testing with Docker and Postman
- Developed Slack app for data reporting

Software Engineering Internship at SAP-Eureka   **2019-2020**

- Performed benchmarking on COTS Machine Learning based OCR/NLP document data extraction models
- Developed Google Cloud pipeline to integrate with existing document analysis pipelines through PubSub

Code Instructor at Hackington's   **Summer 2019**

- Taught K through 8 in Unity, Python, and Javascript
- Miscellaneous IT work as needed

Project Experience

Grand Challenges Initiative, Chapman University   **2018-2019**

- Wrote white paper on implementation of Machine Learning for securing servers
- Produced VR simulation in Unity designed to test students on lab safety

Unity Game Development / Autism Research   **2019-2020**

- Worked though Dr. Louanne Boyd's research team to develop optimized environments for children with autism
- Worked with small team of researchers, programmers, videographers to develop dance-pad controlled fighting game

And more: www.github.com/kilometersvi

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Relevant Coursework

Visual Programming	Machine Learning Challenge w/ HireRight	Cybersecurity
Data Structures		Introduction to Neuroscience
Computer Ethics	Jeremy Howard's Deep Learning for Coders (in progress)	Data Communications
Android Programming	Intro to Data Science (Feb 2021)	Software Engineering I-III
Discrete Mathematics I	INCF's Introduction to Computational Neuroscience (in progress)	DVC's Hardware Engineering (2017)

Volunteer and Leadership Experience

Boy Scouts – Troop 803   **2008-2018**

- Eagle Scout; Awarded for building infrastructure for local animal shelters (2017)
- Senior Patrol Leader (2015-2016)

Mission Trip Volunteer   **2014-2017**

- Spent 3 spring breaks building houses for underserved families in Tijuana, Mexico.
- Leader for Build Project in 2016.

Skills

Programming: Python, C#, C++, Java, Python, HTML & CSS, Go, JavaScript

Tools: Git, Linux, Google Cloud Platform, Unity, Jupyter Notebook, Docker, Postman

Electrical/Hardware: Open Source Prototyping, Arduino & Raspberry Pi development

General: Agile Development, Team-Based Development