AUSTIN WANG

CS Student at UCLA | Class of 2023

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EDUCATION

UCLA — *Current Student* GPA: 3.9

- Class of 2023: Samueli School of Engineering
- Major: Computer Science

Westview High School GPA: 4.7

- National AP Scholar

WORK EXPERIENCE

Intel Corporation June 2017 - August 2017

Portland, OR — Performance Analyst Intern - Python

- Served as an automation scripter responsible for displaying & updating server availability to engineers.
- Conducted open source software performance analysis for Python in the Intel Dynamic Scripting Languages Optimization team.
- Compared benchmark runtimes with various Python implementations: PyPy, Anaconda, Cpython.

TECHNICAL SKILLS

- Python
- C++
- JavaScript
- C
- Lisp/Scheme
- Java
- Bash
- OCaml
- x86 Assembly / MIPS
- Word / Excel

RELEVANT COURSEWORK

- Data Structures / Algorithms (C++)
- Intro to Artificial Intelligence (Lisp)
- Programming Languages (Scheme,Java, Python,Prolog, Ocaml)
- Computer Architecture/Organization (C, x86, MIPS)
- Computer Networking / Algorithms (C++)
- Multi Calc | Linear Algebra | Discrete | Diff Eqs

PROJECTS

Stock Price Prediction with CNN articles

Languages: Python

- Used BeautifulSoup for article parsing and Sci-kit Learn to calculate linear models for stock price with Matplotlib for visualization.

Delivery Navigation in L.A.

Languages: C++

- Used A* search algorithm and Simulated Annealing to provide optimized turn-by-turn navigation for deliveries.

Google Places Application Server Herd

Languages: Python

- Uses Google Places API to calculate nearby destinations. Client data stored and propagated across multiple servers.

Performance Analysis of Python Packages

- Analyzed Numpy, Nengo, Astropy, Sympy using ASV, Perf, and Cprofile to find bottlenecks.
- Compared PyPy Python interpreter and Cpython runtimes of the Python Benchmark Suite.

Server Reservation Automation Script

Languages: Python, Bash, HTML

- Automated the process of checking server availability/ specs at Intel via a webpage developed with Apache and Django.

Simple Router Implementation

Languages: C++

- Emulated network using Mininet
- Implemented router to process, handle and forward ethernet frames.

EXTRACURRICULARS

Wushu (Martial Art) 2010 - Present

U.S. Wushu Center | UCLA Wushu Team

- Social Chair of UCLA Wushu

Upsilon Pi Epsilon 2020 - Present

UCLA UPE member

- 20+ hours CS tutoring per quarter