Archie Sravankumar

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Education

Cornell University   **Ithaca, NY**
Bachelor of Arts, GPA: 3.9   *Aug 2018 - May 2021*
Computer Science and Mathematics

Relevant Coursework: Intro to Analysis of Algorithms, Functional Programming, Machine Learning, Computer System Organization and Programming

Other activities: Treasurer at Tau Kappa Epsilon Scorpion Chapter, Member at Cornell Alternative Investment Fund, Member at Cornell Angel Capital Club

Experience

Maxar Technologies, Space Solutions   **San Jose, CA**
Software CORE Engineering Intern   *Jun 2019 - Aug 2019*

o Accelerated binary command generation by creating python tool

o Streamlined flight software testing by creating flask app

o Documented testing workflows and legacy code

Cornell University - Dept. of Computer Science   **Ithaca, NY**
Teaching Assistant   *JAN 2019 - MAY 2019*

o Led interactive review sessions in discrete mathematics for groups of students

o Assessed student assignments and tests

Finalyze Inc   **Chicago, IL**
Data Science Intern   *JUN 2017 - AUG 2017*

o Preparing and Analyzing large datasets for analytics

o Analyzed Weather and GIS data to model macroeconomic trends

o Used python/PostgreSQL to store, manage, model and analyze data

Euler Circle   **Palo Alto, CA**
Member   *AUG 2016 - MAY 2018*

o Coursework: Cryptography, Combinatorial Games, Algebraic Geometry, p-Adic analysis

o Presentations: 3 player combinatorial games, a proof of a theorem about cubic surfaces, and the application of Hensel lifting to the discrete logarithm problem

Skill Set

Java, Python, flask, PostgreSQL,Javascript, jQuery,OCaml, git, Unit Tests, TDD, Agile, OpenCV, scikit-learn, keras

Awards

o CES Young Innovators Award 2018 (Predicting Alzheimer's Disease from retinal fundus images)

o Caltech Harvey Mudd Math Contest Fifth place

Links to Research and Personal Projects

Combinatorics Research: `https://arxiv.org/pdf/1806.00474.pdf`

Github: `https://github.com/archishman/`

Website: `https://www.archishman.me`