

Shreyas Vaidya

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EDUCATION

- **University of Maryland** College Park, MD
Bachelor of Science in Computer Science, Minor in General Business *Expected May 2021*
 - **Scholarships/Awards:** University of Maryland President's Scholarship, College Park Scholars Citation
 - **Relevant Coursework:** Object-Oriented Programming, Computer Systems, Discrete Structures, Algorithms, Organization of Programming Languages, Calculus, Linear Algebra

PROGRAMMING SKILLS

- **Languages:** Java, C, Python, HTML/CSS, JavaScript, Assembly (MIPS/AVR)
- **Technologies:** NumPy, Pandas, Git

EXPERIENCE

- **App Orchid, Inc.** San Ramon, CA
Software Engineering Intern *Jun 2019 - Present*
 - Designed and implemented the software solutions for applications and modules in App Orchid's technical infrastructure.
 - Developed applications using Spring Framework (Java) and Python (primarily using data science libraries, including Pandas and NumPy).
 - Interacted with product, user interface, quality assurance, and platform teams for new features and enhancements.
- **University of Maryland - Smith School of Business** College Park, MD
Independent Researcher *Nov 2018 - May 2019*
 - Led and developed individualized research proposal under Finance Department in Smith School of Business.
 - Researched impacts of commercial real estate markets in the United States due to the Great Recession.
 - Analyzed real estate pricing trends utilizing the FRED (Federal Reserve Economic Data) database.
 - Created research poster and presented to public during school's Undergraduate Research Day, as well as created research paper to be published in the Snider Undergraduate Research Journal.
- **Subdream Studios, Inc. - Yumerium Division** Los Altos, CA
Software Development Intern *May 2018 - Aug 2018*
 - Analyzed data from Google Analytics to implement a strategy to increase investment.
 - Collaborated with the core team of front-end web development using HTML, CSS, and JavaScript (ReactJS).
 - Assisted with QA testing of website and application of cryptocurrency.
- **University of Maryland - Technica Hackathon** College Park, MD
Finance Organizer *May 2019 - Present*
 - Created budget along with team for large scale hackathon at the University of Maryland.
 - Developed invoices to companies who sponsored the hackathon.
 - Communicated with major corporations about financial payments through sponsorship for the hackathon.

PROJECTS

- **Personal Shell:** Developed a shell in C that took input from a binary tree and executed boolean operations, pipes, and file redirection.
- **Canny Edge Detection System:** Used Java and OpenCV library to create a system that identified the edges of an image with group of three students. Won Wolfram Alpha Award at HSHacks 2 (PayPal Headquarters, San Jose).
- **Your Charity Choice:** Created a website that streamlines how people donate to reputable charitable organizations using HTML and CSS (Bootstrap).
- **Threat Detector:** Used Afero board connected to an Arduino to code threat detector in JavaScript. Using a range sensor, people can detect check the proximity of certain objects nearby and detect if there is a threat near them.