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126 E Wedgwood Dr.
Yorktown, Virginia 23693

EDUCATION

HackCville, Charlottesville, Virginia *March 2020 – June 2020*
Launch Program, Software Engineering Track
- Studied and practiced software engineering and professional skills in a selective, extracurricular, intensive program
- Built series of small applications individually and in groups using React and Firebase Realtime Database

University of Virginia, Charlottesville, Virginia *Class of 2022*
College of Arts & Sciences Undergraduate *Computer Science (BA) / GPA 3.93*
- Completed coursework: Advanced Software Development, Algorithms, Program and Data Representation, Software Development Methods, Introduction to Programming, Discrete Mathematics, Elementary Linear Algebra, Data to Knowledge, Introduction to Statistical Analysis, Calculus I & II, Nonparametric Statistics

The Governor's School for Science & Technology, Hampton, Virginia *2016 – 2018*
GPA 4.0

Grafton High School, Yorktown, Virginia *2014 – 2018*
GPA 4.89 (Weighted), 4.0 (Unweighted) *Valedictorian*

WORK EXPERIENCE

Department of Computer Science at the University of Virginia, Charlottesville, VA *September 2020 – Present*
Teaching Assistant for Software Development Methods (CS 2110)
- Hold weekly office hours (1.5 hours) for students to ask questions about the course material, which involves an introduction to programming in Java and exploration of topics such as classes, object-oriented programming, and inheritance among others
- Meet weekly with three student cohorts (3-5 students each) to provide more personalized and accessible aid

Digital Capital Solutions, Washington, D.C. (Remote) *July 2020 – August 2020*
Software Engineer Intern
- Collaborated in a team of 6 to generate a mobile template application to present resources, information, and alerts for a given town using React Native and Android Studio
- Incorporated Figma designs and UX/UI principles to promote a clean, consistent style across the mobile application

PreHealthPivot, San Francisco, CA (Remote) *July 2020 – August 2020*
Website Editing and Development Intern
- Generated a new custom React website for PreHealthPivot to open new functional opportunities for the future, such as flexible API incorporation and backend integration
- Workshopped and maintained the current PreHealthPivot site on Squarespace; coded a Python script to use SendGrid Email API and Google Sheets API to automatically send emails to those who filled out a mentoring survey

ResMed, San Diego, CA *May 2019 – August 2019*
IT Acceleration Intern
- Co-founded and directed work efficiency programs across global workforce; managed administrative work in IT Governance
- Updated employee and organization database; extracted data to analyze using PowerShell
- Drafted and finalized dozens of guides, documentation, and SharePoint pages with UX focus to convey technological information

PROJECT EXPERIENCE

Creative Corner, Charlottesville, Virginia *May 2020*
Co-Designer and Co-Programmer
- Created a web application for writers to share, edit, and explore stories; demo: https://devpost.com/software/rookiehacks101
- Learned CakePHP, MySQL, and Figma in RookieHacks, a 48-hour MLH hackathon focused on learning new languages

Textbook Exchange, Charlottesville, Virginia *February 2020 – April 2020*
Requirements Manager and Programmer
- Worked with four classmates in the course Advanced Software Development to create textbook exchange application using Python, Django, Heroku, and Travis CI as well as MVC design; accessible here: https://textbooks-exchange.herokuapp.com/
- In charge of eliciting requirements from stakeholders and creating requirements document to guide overall project
- Integrated PostgreSQL and external APIs to enable user data and profiles, posting/managing textbooks for sale, and efficient browsing of available textbooks; utilized agile methodology during development

SKILLS

- Python, Java, R, Lean, C++/C, PowerShell, JavaScript (React), HTML/CSS, x86 Assembly, Bash, PHP, SAS, Linux, Bootstrap
- Django, Heroku, Travis CI, GitHub, Firebase Realtime Database, PostgreSQL, MySQL, CakePHP, React Native, Figma