

**Permanent Address**  
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**Current Address**  
126 E Wedgwood Dr.  
Yorktown, Virginia 23693

## EDUCATION

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**HackCville**, Charlottesville, Virginia *March 2020 – June 2020*  
*Launch Program, Software Engineering Track*

- Studied and practiced software engineering through hands-on projects in a selective, extracurricular, intensive program
- Built series of small applications using React, Node.js, and Firebase

**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

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**Tutoring**, Newport News, Virginia *June 2018 – Present*  
*Tutor*

- Review class material and teach high school, middle school, and elementary school students in biology, physics, Python, and PSAT/SAT preparation
- Generate study and practice questions/guides; coordinate with students in online sessions for 2 to 10 hours per week

**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, California *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

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**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

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