

Christian Riewerts

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Education

University of Virginia, School of Engineering and Applied Science

Bachelor of Science in Computer Science

Anticipated May 2022

Cumulative GPA: 3.94/4.0, Major GPA: 4.0/4.0 | Dean's List: Fall 2018, Spring 2019, Fall 2019

Coursework: Algorithms, Program and Data Representation, Theory of Computation, Advanced Software Development, Machine Learning, Databases, Cybersecurity, Digital Logic Design, Discrete Mathematics

Skills

- Languages: Java, Python, C, C++, x86, JavaScript, HTML, CSS, SQL, MATLAB, PHP
- Tools: GitHub, Django, Heroku, Travis CI, Google Civic Information API, Pygame, Bootstrap, Flask

Projects

Typerspace, Hackathon Project – Backend Co-Developer

February 2021

- Developed a functional application backend with Python and Flask in less than 24 hours
- Integrated with YouTube API to obtain and process video and caption information
- Handled transport of information between frontend and backend to display video and captions

Civic Connect, Group Project – Requirements Engineer

September 2020 – December 2020

- Deployed a web app with Django in Python to contact representatives about social justice issues
- Elicited requirements from a group of over 25 potential stakeholders through several different means
- Translated requirements into actionable statements for team to implement in a reasonable schedule
- Integrated Google login to save user information and enable user submitted social justice templates
- Integrated Google Civic Information API to efficiently search for up-to-date representatives by address

Brother Bros, Group Project – Co-Developer

November 2018 – December 2018

- Developed a single-level platforming game in Python, largely through pair programming
- Implemented custom sprites and artwork using Pygame and Gamebox modules
- Handled existence of hundreds of distinct objects as well as collisions and interactions

Experience

Innovative Video Technology, Integration Partner Manager

June 2020 – August 2020

- Communicated with over 20 security software companies through various methods
- Directed development of new drivers with 3 software companies to support security cameras
- Performed routine evaluation and drivers upgrades to new shipments of security cameras

Modell's Sporting Goods, Sales Associate

November 2016 – January 2020

- Contributed to a team-based environment and managed responsibilities to maintain store operation
- Leveraged communication skills with an average of 80 customers each day to drive sales
- Utilized company infrastructure and computer systems to deliver optimal customer experience

Extracurriculars and Interests

- Extracurriculars: Cavalier Marching Band, Hoos Basketball Band, UVA Wind Ensemble, UVA Jazz Band
- Areas of Interest: Full-stack Development, Database Design, Machine Learning, Cybersecurity
- Hobbies: Basketball, Running, Climbing, Cooking, Video Games, Astronomy, Reading