

TYRA KREHBIEL

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EDUCATION

University of Virginia, Charlottesville, VA
B.A., Computer Science
B.A., Studio Art
May 2021 | 3.595 GPA

SKILLS

Programming languages: Python, Java, C++, HTML, CSS
UI/UX design · Software development · Management
Problem-solving · Experimentation · Technical writing
Analysis · Organization · Creativity · Customer service

WORK & LEADERSHIP EXPERIENCE

Software Development Intern | **SimonComputing**, Alexandria, VA | *June 2020 - July 2020*

- Utilized latest agile approaches to work on full lifecycle of software development--from requirements and design to preparing for deployment
- Primarily developed with Typescript, HTML, CSS and the React library (on frontend), and Java (on backend)
- Created and implemented UI/UX designs for internal applications and websites, including redesigning and implementing design changes to the company website

Event Operations Manager | **Office of the Dean of Students**, Charlottesville, VA | *May 2018 - Present*

- Assist in managing and training a team of approximately 50 student employees
- Facilitated event planning, organization, set-ups, and take-downs
- Addressed project management, technical support, event logistics & production, strategic communication, and customer service for university community

Website Manager | **The Cavalier Daily**, Charlottesville, VA | *January 2020 - Present*

- Individually lead newly created section with the purpose of redesigning, maintaining, and improving the website
- Tracked website analytics and traffic information to find patterns to improve user engagement and new traffic to the website

Graphics Editor | **The Cavalier Daily**, Charlottesville, VA | *January 2019 - January 2020*

- Lead in design and execution of visual graphics using the Adobe Suite (Illustrator, Photoshop)
- Managed team of approximately 10 student graphic designers, coordinated the timely completion of weekly graphics for print newspapers and online newspaper website

Volunteer | **Madison House**, Charlottesville, VA | *August 2019 - January 2020*

- Mentored weekly in a local community center daycare program for minority and low-income nursery and preschool children

Sales Associate | **Banana Republic Factory**, Leesburg, VA | *March 2018 - March 2020*

- Maintained accurate and attractive merchandise displays, ensuring strategic placement of products to maximize purchases
- Provided excellent and consistent customer service, and increased the number of store credit card enrollments to guarantee returning satisfied customers

PROJECTS

COOP (web application) | *April 2020*

- Short for “cooperation”, this is a note sharing application targeted towards university students to view notes made by their peers for the courses they attend
- Students are able to upload their own documents, and quality maintained through a notes rating system
- Developed in Python using the Django framework

Quick Tutor (web application) | *February - April 2020*

- Described as “Uber for tutors” this app allows for users to request nearby tutor help anywhere on their University grounds
- Deployed through Heroku, developed in Python using the Django framework

Eco Friendly (iOS mobile application) | *November 2019*

- Social Media app (coded in Swift) for posting and finding local environmental activism movements, community projects, and volunteering opportunities

RecSave (web application) | *April 2019*

- Tracks a user’s trash waste, promoting good recycling and shopping habits through friendly competition

RELEVANT COURSES

Software Development Methods · Cybersecurity · Program and Data Representations · Algorithms · Machine Learning · Computation Theory · Discrete Mathematics · Statistical Analysis