

Kellen G. Dorchen

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Education

Rochester Institute of Technology, Rochester, NY

Anticipated 11/2022

- Master of Science in Computer Science

Carleton College, Northfield, MN

06/2020

- Bachelor of Arts in Computer Science, GPA: 3.2
- Minors: Art History, East Asian Studies
- *Study Abroad:* Contemporary Art and Art History (Europe)
- *Awards/Honors:* Scholar – FOCUS Cohort (01/2017); Iseminger Scholarship (05/2017)
- *Relevant Courses:* Data Structures, Computational Biology, Real Time Systems, Human-Computer Interactions, Algorithms, Computability and Complexity, Intro Statistics

Summer 2017

Academic Projects

Comprehensive Senior Research Project, Carleton College

Fall 2019 – Winter 2020

- Researched COMPAS and other algorithms used within the U.S. criminal justice system
- Developed classification algorithms to predict recidivism with higher accuracy and less racial bias than COMPAS

1st Place, Carleton Hackathon, Carleton College - <https://github.com/maxgold45/carls-pool>

04/2019

- Cleverly used Google Forms and Google Sheets to implement the backend of a Ride Share website with features for drivers and riders to register and ride requests would be posted on a request bulletin board

Skills

- *Tech:* Python, Java, C, Ruby on Rails, Git, HTML/CSS, PostgreSQL, R, Slate, Android Studio, FXML
- *Language:* Mandarin (intermediate)
- *Experienced with:* Agile, Asana, Harvest, CICD, Slack, Github, Code Reviews, Full-Stack Development

Leadership Experience

Solutions Architect / Project Manager, The Plugged App – Remote / Startup

05/2020 – *Present*

- Engaged in weekly development meetings
- Devised project timeline
- Interviewed potential developers
- Estimated tech budget costs and analyzed development options

Software Engineering Intern, Software for Good – Remote

06/2020 – 8/2020

- Participated in daily intern and weekly team standups
- Consulted clients in weekly client meetings with biweekly agile sprints
- Implemented a Ruby on Rails project and integrated various APIs
- Regularly pair-programmed and attended mentor meetings

Educational Associate, Carleton College, Dean of Student's Division – Remote

06/2020 – 8/2020

- Conducted focus groups of current African-American males to identify ways to better serve (Men of Color, etc)
- Assisted with new divisional podcast efforts

Admissions Fellow, Carleton College, Admissions

09/2017 – 06/2020

- Promoted from office assistant in June 2019
- Entered and extracted information from Slate using queries, reports, and exports
- Conducted one-on-one interviews with prospective students and submitted reports with my assessment
- Led tour guide training for fellows and informative tours for 14 person addressing questions as they arose
- Revised instruction sets and wrote new ones for Slate procedures and application reading procedures
- Coordinated prospective student fly-in programs using excel and Slate

Editorial Intern, Jewish Light – St. Louis, MO

12/2019 – 12/2019

- Embed news articles onto website using HTML, CMS, InDesign, and Photoshop
- Performed administrative tasks and attended tech meetings

Athletic Coordinator, Greenvale Park Community School – Northfield, MN

09/2016 – 03/2018

- Directed athletic programming ensuring the successful execution of a variety of activities
- Participated in regular staff meetings to debrief the events of the day and brainstorm for new strategies