

Kellen Dorchen

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Education

Carleton College, Northfield, MN

Anticipated 06/2020

- Bachelor of Arts in Computer Science, GPA: 3.182
- Minors: Art History, East Asian Studies
- *Study Abroad:* Linguistics and Culture in Japan 03/2020 – 06/2020
- *Study Abroad:* Contemporary Art and Art History (Europe) 06/2017 – 08/2017
- *Awards/Honors:* Scholar – FOCUS Cohort (01/2017); Iseminger Scholarship (05/2017)
- *Relevant Courses:* Data Structures, Programming Language Design and Implementation, Math of Computer Science, Computational Biology

Academic Projects

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| 1 st 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 | |
| Computability and Complexity | Winter 2019 |
| • Discussed P and NP Completeness and what problems may or may not be computable | |
| Software Design - https://github.com/carleton-cs257-fall-2018/assignments-dorchen | Fall 2018 |
| • Utilized CSVs, MVCs, and Full Stack Design techniques on several projects | |
| Algorithms | Fall 2018 |
| • Used algorithmic techniques such as Divide and Conquer, Greedy, Dynamic Programming, Graphs, and Network Flow to solve various problems | |
| Organization and Architecture | Winter 2018 |
| • MIPS, Data Pipelining, Assembly Language, PDP-8 | |

Skills

- *Tech:* Python, Java, GitHub, SLATE, OnBase, HTML/CSS, PSQL, PostgreSQL, FXML, Excel, CAD, CNC, Autodesk Inventor, MIPS, CSV, JSON,
- *Language:* Mandarin

Leadership Experience

Admissions Fellow, Carleton College – Slate, OnBase, Excel

09/2017 – *Present*

- 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 led informative tours for 14 persons and addressed 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

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

Chess Coach, Northfield High School – Northfield, MN

09/2016 – 11/2016

- Lectured on strategies and chess concepts, and reviewed tournament matches with students

New Student Week Leader, Carleton College

08/2017 – 09/2017

- Co-led a group of 14 new students and assisted in their transition into the Carleton community
- Facilitated racial and other discussions to clearly communicate campus expectations

Sales Associate, Dollar General – Greenville, SC

06/2016 – 12/2016

- Maintained a high-level of enthusiasm to provide tailored support and ensure positive consumer experiences

Volunteer, Agape Hospice – Greenville, SC

02/2016 – 08/2016

- Recruited volunteers and organized orientation meetings to train and prepare volunteers