

AIDAN GARTON

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TECHNICAL SKILLS

Imperative Programming Languages: Java, Python, C, JavaScript, Ruby

Functional Programming: Haskell, OCaml

Web– Dev: Node.js, Ruby on Rails, HTML5, CSS3, Express, Redux, React, Sequelize, PostgreSQL, Webpack

Testing: JUnit, Mocha, Chai, Enzyme

Miscellaneous: SQL, Git, Heroku, LaTeX

EDUCATION

BA Candidate, Pomona College, Claremont, CA

2018 – present

- GPA: 3.7 – Major: Computer Science Minor: Mathematics
- Relevant Coursework: Introduction to Programming w/ Java, Discrete Mathematics & Functional Programming, Data Structures & Advanced Programming, Introduction to Languages and Theory, Computer Systems, Linear Algebra, Combinatorics

Fullstack Academy

Spring 2020

- Elected to take a semester away from college in order to gain practical, hands-on software engineering experience by attending a competitive semester-long web-development bootcamp.
- Course included rigorous web development fundamentals for both front and back-end development. The “stack” consisted of Node.js, PostgreSQL, Express, Sequelize for the back-end and React/Redux for the front-end. The course concluded with several intensive team-based projects.

High School Graduate, Jones College Prep, Chicago, IL

2014 – 2018

- GPA 4.0 / 5.3 (weighted), Varsity Soccer (4 Years, Team Leadership Award, Team Captain), President Best Buddies
- SAT: 1510 – Math: 770 – Reading/Writing: 740

EXPERIENCE

CS Teaching Assistant – CSCI 101: Introduction to Languages and Theory– Pomona College, CA **Spring 2021**

- Led weekly TA sessions, graded homework, participated in TA team meetings to discuss how to improve content instruction and support student success.
- Topics included: models of computation (e.g., finite-state automata and Turing machines), formal languages, and computability and their applications (e.g., lexical analysis and parsing).

Full Stack Developer Intern – Halo – Chicago, IL

Summer 2020

- Developed website for Halo—a marketplace and network that connects scientists directly with companies for research collaborations and funding opportunities. Programmed front-end and back-end functionality.
- Designed and implemented messaging/inbox system to support customer interaction, implemented HubSpot contact modal, and updated Terms of Service and Privacy Policy pages to match newer UI design.
- Technologies used: Ruby/Rails, JavaScript, React, and MySQL.

SMART Program Tutor & Mentor – Tutoring Chicago, Chicago, IL

Fall 2019 – Spring 2020

- Acted as a one-on-one tutor and mentor for a 5th grade student in social-emotional learning, mathematics, accountability, reading, and technology.
- Met weekly to check homework, review content, and teach positive and productive learning practices.

Summer Camp Counselor – Apachi JCC Summer Camp, Chicago, IL

Summer 2019

- Worked as a full-time camp counselor and mentor for 2nd– 4th graders.
- Individually led groups of campers in activities centered around the arts, history, self-expression, social-emotional learning, physical education, and cognitive development.

CS Teaching Assistant – CSCI 54: Discrete Math & Functional Programming– Pomona College, CA **Fall 2019**

- Led weekly TA sessions, graded homework, participated in TA-team meetings to discuss how to improve overall student success and content instruction.
 - Topics included: formal logic proofs, functional programming (OCaml), combinatoric analysis, and introduction to set theory.
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