

KELLEN GIBSON

kagibson@andrew.cmu.edu | (425) 753-6045 | WA

EDUCATION

Carnegie Mellon University, Pittsburgh, PA Expected Graduation May 2022
Bachelor of Science in Computer Science, Concentration in Computational Biology GPA 3.4/4.0
Relevant Coursework: Introduction to Computer Systems, Parallel and Sequential Data Structures and Algorithms,
Probability Theory for Computer Scientists, Mobile Web Application Development, Writing for the Professions

Holy Names Academy, Seattle, WA May 2018
GPA: 4.4/4.0, Valedictorian

PROFESSIONAL EXPERIENCE

GoDaddy, *Incoming Software Development Engineering Intern* Expected May 2020 – August 2020

GRANDY, Inc., *Technical Development and Marketing Intern* June 2019 – July 2019

- Led the Research Associate Program including using Microsoft Flow to automate subject interview processes.
- After teaching myself HTML, CSS, and JavaScript, built a website showcasing company brands and user accounts.

Carnegie Mellon University, *Teaching Assistant, Computing at Carnegie Mellon* May 2019 – Present

- Teaching weekly recitations and grading assignments.

COMPUTER LANGUAGES

Proficient: C, Python, SML, HTML, CSS Beginner: Java, JavaScript

ACADEMIC PROJECTS

“Impact of Sleep Deprivation on Biological Processes”, 02-251 Term Project, Spring 2020

- Analyzed thousands of genes with functional enrichment and annotation tools and prediction of molecular networks revealed mechanistic insights into the impact of these forms of sleep deprivation.
- Identified 111 candidate biomarkers for human sleep deprivation, below adjusted p-value of .05 within 3 conditions.

67-240 Course Website, 67-240 Term Project (HTML, CSS, JavaScript), Spring 2020

- Led client communications and user testing in developing a responsive website, contributed to team code.

ProjectBot Chatbot, 15-112 Term Project (Python), Fall 2018

- Integrated basic natural language processing with GroupMe API, WolframAlpha API, and CMU data to develop a functioning chatbot that answers students’ questions about life at CMU.
- One of ten projects selected from 500 to live demo at Term Project Showcase.

LEADERSHIP AND SERVICE EXPERIENCE

CMU Emergency Medical Service, *Social Committee Director* September 2019 – Present

- Providing professional-level medical treatment and responding to emergencies on the Carnegie Mellon campus.
- Volunteering for 24-hour shifts in addition to teaching CPR and First Aid classes for the community.

Accenture Student-Athlete Leadership Conference, *Athlete Fellow* July 2019

- Selected as one of 18 student-athletes from across U.S. for Accenture’s design thinking and leadership conference.

EXTRACURRICULAR ACTIVITIES

Varsity Swimming, *University Athletics Association Conference Selection* August 2018 – Present

- Training for 20 hours per week and participating in the Student-Athlete Leadership Program

Delta Gamma Beta Nu Chapter, *All Greek Community Standards Board Member* September 2018 – Present

- As Director of Dialogues, serving on chapter management team, implementing programs, and educating members.