

Kennedy Ellison

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EDUCATION

BRYN MAWR COLLEGE, Bryn Mawr, PA

Expected May 2019

Bachelor of Arts: Double major in Computer Science and Linguistics

- GPA: 3.68
- Relevant Coursework:
 - Computer Science: Computational Linguistics (in progress), Speech Synthesis and Recognition (in progress), Algorithms, Human/Computer Interaction, Artificial Intelligence in Python, Computer Organization, Functional Programming in Haskell, Programming Paradigms in C/C++, Data Structures in Java, Introductory Computing in Java
 - Mathematics: Discrete Mathematics, Calculus I, II, & III

COMPUTER SCIENCE PROJECTS

Personal Website- [HTTPS://CENNEDY125.GITHUB.IO/](https://CENNEDY125.GITHUB.IO/)

January 2018

- Developed a personal website to showcase UI development skills

Linguistics Word Cloud

December 2017

- Implemented a Java program which analyzed the frequency of positive and negative words in interviews about bilingualism and then used a word cloud library to display the results

Konane Game Player

November 2017

- Implemented a Python program to play a game of Konane against a user using the Minimax algorithm with alpha-beta pruning

Linear Equation Solver

April 2017

- Implemented a Haskell program using GADTs to solve linear equations and exclude non-linear equations without the use of error messages

WORK EXPERIENCE

The Vanguard Group

Malvern, PA

Global Investment and Financial Systems- Application Development Intern

May 2018- August 2018

- Responsible for automating manual procedures through Junit tests and developing a social media platform using the MEAN stack

Retail Systems- Application Development Intern

May 2017- August 2017

- Responsible for reducing JUnit testing failures by fixing erroneous code and enhancing testing procedures
- Pioneered development of Protractor tests for AngularJS applications

The Center for Science of Information (National Science Foundation)

Bryn Mawr, PA

Computer Science Research Fellow

September 2018- Present

- Conducted NSF-funded research on authorship attribution under Professor Deepak Kumar at Bryn Mawr College, in contribution to the *Small Explorations in Big Data* fellowship

Bryn Mawr College Canaday Library

Bryn Mawr, PA

Student Manager

August 2018- Present

- Responsibilities include training new workers, organizing and leading monthly meetings, and supervising library procedures

Bryn Mawr College Computer Science Department

Bryn Mawr, PA

Teaching Assistant, Intro to Computing and Data Structures

January 2017- December 2017

- Responsible for answering conceptual questions and aiding in homework problems

LEADERSHIP AND EXTRACURRICULARS

- Canaday Library Student Manager
- Bi-Co Gymnastics Club President and Treasurer
- Trinity Lake KOA Assistant Activities Director

August 2018-Present
January 2016 -December 2017
May 2016-August 2016

SKILLS

LANGUAGES

- *Proficient*: Java, Python, HTML, and CSS

Familiar: C and Haskell

TOOLS

- Eclipse, Spring Tool Suite, Emacs, GIT, and JUnit