

# ADAM KENNEWEG

1B Computer Science — 20561628

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github.com/akenne

www.akenneweg.com

## GITHUB PROJECTS

### akenne/SpiderCrawler

October 2014 - December 2014

- Utilized Python to create a program featuring GUI designed using the TKinter library
- Crawls the Steam database using the steam API to find users of Team Fortress 2 with valuable items
- Involved processing large amounts of JSON data, GUI design and multi-threading
- Organized a free release of SpiderCrawler, which acquired 400 unique downloads
- Received multiple donations from happy users

### akenne/WatIsFood

September 2014

- Developed Android application during the HackTheNorth hackathon
- Went from zero experience in app development to a finished app
- Provides XML info about food services on campus using the University of Waterloo's API
- Built custom map ourselves, which uses the retrofit library

### akenne/Chess-Bot

April 2014

- Developed a bot using Python that plays and wins chess against humans
- Uses the Stockfish and Critter chess engines as subprocesses, and is fully automated
- Simulates the moves and intelligence of a human player

## OTHER EXPERIENCE

### Online Merchandiser

November 2010 - July 2012

- Independently started and ran own successful online business
- Managed, supplied and sold stock of virtual items totaling over \$10000 USD in profit
- Provided customers support with issues and managed good relations

### Mathematics Tutor

September 2013 - July 2014

- Tutored high school students from grades 9 to 12 with algebra, calculus, and trigonometry
- Communicated concepts clearly to reinforce basic skills and prepare for tests

## SKILLS

**Proficient in:** Python, Java, Racket(Scheme), HTML

**Experience with:** CSS, Ruby, Jekyll, GIT,  $\text{\LaTeX}$ , XML/JSON, Android apps, C

**Interested in:** Problem solving, GUI design, Machine Learning

- Strong team communication skills and good with customer relations.

## EDUCATION

**University of Waterloo**, Waterloo, Ontario

*Candidate for Bachelor of Computer Science*

September 2014 – April 2019

**Scuola Media Statale**, Italy

*Exchange program that involved learning Italian and Italian culture*

July 2013 – August 2013

## AWARDS / OTHER

- Ontario Scholar award - Maintained 90+ average in high school
- President's Scholarship - Entrance average 90+ (92)
- County of Simcoe Bursary - *"exemplify a strong academic performance combined with demonstrated leadership, community involvement and extracurricular activities and financial need"*
- Ten years martial arts experience
- Member of both the Computer Science club and the Culture and Language Exchange club
- Also a dual Canadian/American citizen