ADAM KENNEWEG

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SUMMARY

I study Computer Science at the University of Waterloo. I am passionate about programming and love to solve problems, and am currently exploring how this can fulfil my other passions: people, communities, travel, language, and communication. I am a dual Canadian/American citizen.

GITHUB PROJECTS

akenne/SpiderCrawler   **October 2014 - December 2014**

A program made using Python, with 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 data (JSON), GUI design and multi-threading
Released for free, received 400 unique downloads, as well as donations from users

akenne/SpiderCrawler   **September 2014**

Developed Android application during the HackTheNorth Hackathon
Went from 0 experience to a finished app
Uses the University of Waterloo's API to provide info (XML) about all food services on campus
Custom map was built ourselves, and uses the retrofit library

akenne/Chess-Bot   **April 2014**

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

OTHER EXPERIENCE

Online Merchandiser   **November 2010 - July 2012**

Independently ran own successful online business
Managed, supplied and sold stock of virtual items totaling thousands of real dollars
Provided customers with support with issues and managed good relations

Mathematics Tutor   **September 2013 - July 2014**

Tutored high school students from grades 9 to 12 with their respective curriculum
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, LaTeX, XML/JSON, Android apps
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 2014**

INTERESTS / AWARDS

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 Computer Science and Culture and Language Exchange clubs