Chester (Chet) Karl Weger

https://github.com/chetweger/
ckw02010@mymail.pomona.edu

Objective

To obtain a full time software development position that leverages and develops my skills.

Education

Bachelor of Science, Computer Science, Minor in Mathematics, Anticipating Graduating in May 2014
Pomona College, Claremont, California

Example Projects

- Interactive Tic-Tac-Toe: can you beat the AI?
- Self Learning Meta Tic-Tac-Toe: watch the AI improve its state-evaluation constants using temporal difference learning.
- Interactive Meta Tic-Tac-Toe: test your skills against the AI. Adjust its search depth parameter to change its skill level. Adjust its evaluation constants to change its behavior.
- Using the Copy Model for Edge Attachment to Evaluate the Stability of Graph Clustering: reproducing my professor's research.
- E-FLASHCARDS: create, organize, and review digital flashcards. Login/signup with Facebook.

Relevant Experience/Employment

- Harvey Mudd Upward Bound Program – Tutor (Sept 2010 – May 2011)
- POM CS052: Foundations of Computer Science – Technical Assistant (Aug 2012 – Dec 2012)
    - Responsibilities included grading homeworks and holding office hours to answer questions.
- Pagewoo/Nearwoo – Software Engineering Intern (June 2013 – August 2013)
    - Developed a module to automatically generate information about a user's business. Performed integration with the yelp business search API as well as building a scraping component to find, among other things, relevant pictures that would be useful in banner ad creation.
    - Performed other miscellaneous scraping and web development tasks.
- Harvey Mudd Clinic Program; Project Sponsor: The Rubicon Project; Title: Respectful Cross Device Attribution (Sept 2013 – present)
    - Played a key role in creating the design for the project, pushing for simplicity.
    - Researched, designed, and implemented similarity measures.

Programming Skills

Languages	Languages	Libraries/APIs	Libraries/APIs	Tools/Environment	Other
Python (3)	C++ (2)	Django (2)	Numpy (1)	Git (3)	HTML (2)
Java (3)	Prolog (1)	Cascading (2)	AngularJS (1)	Subversion (2)	CSS (1)
C (3)	C# (1)	Webapp2 (2)	OpenCL (1)	Unix terminal and	JSON
JavaScript (2)	Go (1)	Pygame (2)	Various OAuth APIs	utilities (3)	XML
Scala (2)	D (1)	Pyjamas/pyjs (2)	(1)	Vim (3)	S3 and EC2 (2)
SML (2)		Sklearn (2)		Eclipse (3)	AppEngine (3)
Haskell (2)				IntelliJ IDEA (2)	Heroku (3)

Lines of code written in/with: 200-500: Beginner (1); 500-2000: Intermediate (2); 2000+: Advanced (3)

Relevant Coursework

Introduction to Computer Science, Data Structures, Fundamentals of Computer Science, Algorithms, Computer Systems, Computability and Logic, Programming Languages, Artificial Intelligence, Social Network Analysis, Machine Learning, Computer Science Seminar, Clinic, Linear Algebra, Calculus III, Combinatorics, Advanced Linear Algebra, Probability.

Hobbies Backpacking, rock climbing, other outdoors activities, ultimate frisbee, and other outdoors activities

Values Honesty, Reliability, Candidness, Humility, Technical Innovation, Adventure, and Fun

References Will be provided if requested.