

HARRISON GREGG

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EDUCATION

Bard College at Simon's Rock, Great Barrington, MA

Class of 2015

B.A. Computer Science, GPA: 3.92

Additional Coursework: Advanced physics and theoretical mathematics, seminar series, philosophy, choruses and vocal lessons, beginning German

Aquincum Institute of Technology, Budapest, Hungary

Spring 2014

Distinctions: 5.0/5.0 GPA taking 30 credits, 1st rank in class

Course topics: Theoretical and practical computer science, discrete math, entrepreneurship, design

PROJECTS

Simon's Rock Senior Thesis Project – Mental Health Care Software

- Mobile app for improving care effectiveness with medication reminders and progress tracking
- Interface developed with PhoneGap using HTML, JavaScript, AngularJS, and JQuery Mobile

Spoken Dialogue System for Campus Dining Services

- Voice operated online interface to provide information on dining hall food and hours
- Spoken interface implemented in JavaScript using Webkit speech recognition and eSpeak TTS
- HTML scraping, state logic, text classifiers, and Flask server implemented in Python

Spectracer

- Android rhythm game inspired by Super Hexagon with OpenGL graphics and Parse highscores

UniBreeze

- Designed and refined interface with user interface testing for User Interface Design class
- Developed business plan and marketing materials for IT Entrepreneurship class

EXPERIENCE

Front End Developer

January 2015-Present

Curjo LLC, Great Barrington, MA

- Developing admin interface for corporate wellness service contractor customer portal

Software Engineering Intern

Summer 2014

General Electric Software, San Ramon, CA

- Led server performance testing initiative for the Transportation Software department, developing and deploying HP LoadRunner scripts for multiple projects
- Front end development of web app using HTML, Javascript, AngularJS and JQuery
- Tested and demonstrated technologies such as Apache Solr for potential use

Biophysics Research Assistant

Summer 2012

Dr. Eric M. Kramer, Bard College at Simon's Rock

- Created a computer program to simulate hormone diffusion in cell bodies of varying shapes

Additional Experience

2012-Present

- Providing tech support to students and faculty and performing campus network maintenance
- Tutoring classes and individuals in Math, Physics, and Computer Science

PROFESSIONAL DEVELOPMENT

Founding Member, SRC Coders Club, Bard College at Simon's Rock: Organized trips to programming competitions and hackathons; Worked on a variety of group projects, built a 3D printer

Technical Skills:

- Languages: C++, C#, CSS, HTML, Java, JavaScript, LaTeX, Lua, Python
- Frameworks: AngularJS, Bootstrap, Flask, JQuery, JQuery Mobile, NodeJS, PhoneGap
- Tools: Android SDK, Git, HP LoadRunner, MongoDB, OpenGL, Parse
- Other Skills: Agile Methodologies, Arch Linux, Computer Hardware