Joshua Haas

Contact information
available upon request.

Objective:

To gain experience and knowledge in the Computer industry working in software development (preferably in a team setting) while pursuing a Masters Degree. Further, to develop and release an algorithm/library/application and see it used successfully by a customer.

Technical Proficiencies and Qualifications:

- Proficient in Python, Matlab, C, Java, HTML, CSS, Linux, Bash, Git, MS Office
- Familiar with C++, LabView, LaTeX, JavaScript, Doxygen, MySQL, Python/Django
- Ability to clearly communicate difficult topics to those unfamiliar with the subject matter
- Attention to detail, a drive for perfection, and a passion for computers

Employment Summary:

Jun 2014 to Aug 2014 — *Rowan University*; Glassboro, NJ
Research Assistant (under Dr. Robi Polikar)
Learned about Machine Learning and Pattern Recognition, read recent journal articles, experimented with algorithms (MATLAB), assisted with a conference paper submission, attended a Computational Intelligence seminar at University of Rhode Island.

Apr 2011 to Aug 2013 — *McDonald's*; Clinton, NJ
Crew Member

Education:

September 2011 to May 2015 (anticipated)
Overall GPA: 3.89 / 4.00
Rowan University; Glassboro, NJ
BS in Electrical and Computer Engineering
Minor in Computer Science, Concentration in Honors

Notable Schoolwork:

Projects:
- ECE Lab Kiosk – Clinic Consultant – web design for ECE labs — A, ongoing
  - Work-in-progress viewable at: http://grandline.terracrypt.net/~kiosk
- SmartOutlet – Digital II – control an AC outlet from a computer — A
  - Full technical description: http://grandline.terracrypt.net/smartoutlet

Classes:
- Intro to Computer Architecture *AND* Operating Systems (theory) — A, A-
- Digital Signal Processing *AND* Advanced DSP (MATLAB) — A, A
- Intro to Optimization (MATLAB, project: Genetic Algorithm in Python) — A
- Engineering Clinic (MATLAB, project: Machine Learning) — A, ongoing

Memberships and Accomplishments:

2014 — Received research fellowship from New Jersey Space Grant Consortium
2013-present — Tau Beta Pi Member – Participation in events and volunteer work
2011-present — IEEE Member – Participation in events and tutoring some other students
2010 — Received Rotary Youth Leadership Award and attended weekend-long leadership seminar