

JOSEPH CRANDALL

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OBJECTIVE

Seeking paid internship, or lab work experience.

EDUCATION

The George Washington University, Washington, DC

Computer Science B.S. candidate, May 2017

Physics B.S. candidate, May 2017

Courses include:

Software Engineering

Modern Physics

Operating Systems Design

Intermediate Laboratory I Physics

Algorithms

UCLA, Los Angeles, California, Fall 2012, one quarter, general education

Washington-Lee High School, Arlington, Virginia

International Baccalaureate Full Diploma, awarded May 2012

Symphonic Band section leader, clarinet Varsity Crew, Nationals medalist National Honor Society

EXPERIENCE

Computer Science Research Lab Assistant, November 2015 to Present

The George Washington University, Washington, DC

Contact: Dr. Hyeong-Ah Choi - hachoi11@gmail.com

- Researching maximizing connectivity between points on unique cyclical orbitals with limited signal distance
- Funded to attend computer security conference through NSF, Seoul, South Korea January 2016

Nuclear Physics Research Lab Assistant, Summer 2014

The George Washington University, Washington, DC

Contact: Dr. Igor Strakovsky - igor@gwu.edu

- Plotted data using physics for testing of final-state-interaction code for extraction of neutron pion photoproduction cross sections from the deuteron data

Founder/Developer of **Assistance.net** February 2013 - December 2014

Arlington, Virginia (18 month Start Up that did not secure funding)

Links <https://www.youtube.com/watch?v=-9OBGa0BQKc>

<https://www.youtube.com/watch?v=kAH-ZZvkxP8>

- Developed business model for Individual service provider marketplace on internet
- Organized team of developers; leased office space; incorporated in Delaware; negotiated contracts; set up proprietary server; produced promotional videos
- Built a LAMP stack site using laravel Framework (source code on GitHub)

SKILLS

- Proficient with Java, C, Unix, Linux and HTML/Internet, LaTeX

ACTIVITIES

- Activities Chair, Society of Physics Students, Student Chapter, 2014-Present
- Member, Association for Computing Machines, Student Chapter, 2014-Present
- Brother, Delta Tau Delta Fraternity, 2013-Present

Interests: rowing, skiing, running, juggling, yoga