

JIRI ROZNOVJAK

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EDUCATION

Clark University

expected December 2017

Bachelor's in Computer Science & Mathematics

GPA: 3.9/4.0

Coursework

Algorithms, Design and Analysis of Algorithms

Analysis of Programming Languages

Probability and Statistics, Topics in Statistics

Theory of Computation, Automata Theory

EXPERIENCE

Boston University

Research Assistant

May 2015 - July 2015

Boston, MA

- Created a mathematical model to analyze and predict mouse movements.
- Paper *Predictive Link Following for Accessible Web Browsing* accepted to the ASSETS conference.
- Contributed to a grant proposal for the National Science Foundation.

Academic Technology Services, Clark University

Academic Technology Intern

September 2015 - Present

Clark University, Worcester, MA

- Managing University's learning platform Moodle.
- Working on a PHP and JavaScript codebase, using Git with Bitbucket.

Projects & Hackathons

December 2013 - Present

- Created a "false 3D" computer vision program using eye tracking with Python and OpenCV.
- Built a deep learning art-generating program with caffe and Python.
- Created several educational physics demonstrations with JavaScript using three.js and processing.js.

Clark University, Graduate School of Management

Undergraduate Assistant

June 2015 - August 2015

Clark University, Worcester, MA

- Wrote programs to perform data analysis on an HPC cluster.
- Analysed social networks using MATLAB and Python.

Clark University, Department of Computer Science

Teaching Assistant

August 2015 - Present

Clark University, Worcester, MA

- Fall 2015: CS120 - Introduction to Computer Science.
- Spring 2016: CS121 - Data Structures

TECHNICAL SKILLS

Programming Languages

Python, Java, JavaScript, C, MATLAB, LaTeX

Databases

MySQL, SQLite, MongoDB

Technologies, Tools

Git, Linux, Windows, MapReduce, Unit Testing