

JIRI ROZNOVJAK

github.com/jirkaroz ◇ linkedin.com/in/jroznovjak

(508).667.6394 ◇ jroznovjak@clarku.edu

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,

Linear Models

Theory of Computation, Automata Theory

EXPERIENCE

Projects & Hackathons

December 2013 - Present

- Created a "false 3D" computer vision program using eye tracking with Python and OpenCV.
- Created several educational physics demonstrations using three.js, processing.js and paper.js.

Boston University

May 2015 - July 2015

Research Assistant

Boston, MA

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

Academic Technology Services, Clark University

September 2015 - Present

Academic Technology Intern

Clark University, Worcester, MA

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

Clark University, Graduate School of Management

June 2015 - August 2015

Undergraduate Assistant

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

August 2015 - Present

Teaching Assistant

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, Unit Testing, OpenCV, Linux