

# JIRI ROZNOVJAK

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

(508).667.6394 ◇ jroznovjak@clarku.edu

## EDUCATION

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### Clark University

*expected May 2018*

Bachelor's in Computer Science & Mathematics

GPA: 3.96/4.0

Relevant Coursework: Data Structures, Algorithms, Analysis of Programming Languages, Automata Theory, Theory of Computation, Probability and Statistics

## EXPERIENCE

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### Boston University

May 2015 - July 2015

*Research Assistant*

*Boston, MA*

- Worked with the computer vision based program Camera Mouse.
- Contributed to a grant proposal for the National Science Foundation.
- Created a poster *Predictive Link Following for Accessible Web Browsing* that was accepted to the ASSETS conference.
- Started to work with first person vision systems, continuing this work at Clark University.

### 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.

### Personal Projects & Hackathons

December 2013 - Present

- Created a computer vision autostereoscopy program using eye tracking with Python and OpenCV.
- Created a dynamic tutor selection for theknowledgeroundtable.com using jQuery and node.js.
- Programmed a data visualization framework to process and visualize data from CIA World Factbook using Python and matplotlib.
- Created numerous educational physics demonstrations using three.js, processing.js and paper.js.

### Clark University, Department of Computer Science

August 2015 - Present

*Teaching Assistant*

*Clark University, Worcester, MA*

- Teaching Assistant for CS120 - Introduction to Computer Science.
- Teaching basic programming concepts using Java.

## TECHNICAL SKILLS

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### Programming Languages

Python, JavaScript, Java, C, MATLAB, Scheme, LaTeX

### Databases

MySQL

### Tools

Git, Vim, Unit Testing, Microsoft Office

## RELEVANT INTERESTS

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Machine Learning, Computer Vision, Deep Learning, Data Analysis, Algorithms, Theoretical Computer Science.

Treasurer at the Computer Science Club.