JIRI ROZNOVJAK

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EDUCATION

Clark University	**Coursework**
expected December 2017	Algorithms, Design and Analysis of Algorithms
Bachelor's in Computer Science & Mathematics	Analysis of Programming Languages
GPA: 3.9/4.0	Probability and Statistics, Topics in Statistics
	Theory of Computation, Automata Theory

EXPERIENCE

Boston University   May 2015 - July 2015
Research Assistant   *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   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.

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   June 2015 - August 2015
Undergraduate Assistant   *Clark University, Worcester, MA*

· Wrote programs to perform data analysis on an HPC cluster.
· Analyzed 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, Linux, Bash, MapReduce, Unit Testing