Joseph Canero
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EDUCATION

The College of New Jersey   Ewing, NJ
Computer Science, B.S., Minor in Mathematics GPA 3.9 /4   May 2015
Capstone/Thesis: CABECTPortal: An Investigation into Social Computational Systems
Awards and Honors: Phi Beta Kappa Honor Society; Upsilon Pi Epsilon Honor Society, Vice President;
                          Deans List 2011-Present

EXPERIENCE

FRONT RUSH   Lambertville, NJ
Intern Software Developer   May 2014 – August 2014
- Refactored and improved efficiency of existing code for a new relatively product offering, recruitspot.com
- Increased the automated test coverage of recruitspot.com
- Designed and implemented new features on recruitspot.com to enhance usability and user retention
- Addressed backlog of issues for main product, coachpacket.com, and fixed them
- Utilized Ruby (Ruby on Rails), HTML (HAML), Javascript (Coffeescript), and postgreSQL

MENTORED UNDERGRADUATE RESEARCH AND CAPSTONE   Ewing, NJ
Student Researcher   June 2013 – May 2014
- Conducted a literature review of existing social and human computation research, including Louis von Ahn's work
- Synthesized principles of social computational system design from the literature review into a general model for designing similar systems
- Implemented a social computational system to promote dissemination and sustainability of online Computer Science research projects
- Utilized PHP, postgreSQL, HTML (Twitter Bootstrap), and CSS

SIGNIFICANT PROJECTS
- Command line-based image processing library, Fall 2013-Spring 2013
- 9-ball simulator, Fall 2013
- Motion capture application in Autodesk Maya, animates a human skeleton from the Microsoft Kinect, Spring 2013
- Command line-based password manager, Fall 2012
- Command line-based chess variant, Fall 2012

PRESENTATIONS
- Capstone research presented at Association for Computing Machinery's (ACM) Special Interest Group in Computer Science Education Student Research Competition, March 2014, ranked top 5 nationally

TECHNICAL SKILLS

LANGUAGES
Ruby, Ruby on Rails, C/C++, PHP, Java, Javascript (jQuery, Angular.js), Python, postgreSQL, MySQL, HTML, CSS

OPERATING SYSTEMS
Unix-based