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Wayne, NJ 07470

## BRANDON T. RUGGLES

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### EMPLOYMENT

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<b>Project Coach</b>	<b>Real World Connections (NJIT)</b>	<b>Fall 2013 – Spring 2014</b>
<ul style="list-style-type: none"><li>• Taught a basic game development course for high school and middle school students using Game Maker.</li><li>• Created presentations to recruit new students (gained presentation experience).</li><li>• Organized lesson plans with a fellow coach (gained planning experience).</li></ul>		
<b>Tutor</b>	<b>ACM (NJIT)</b>	<b>Spring 2015 – Present</b>
<ul style="list-style-type: none"><li>• Helped fellow students with various computer science projects in a range of languages (improved my knowledge of computer science topics).</li></ul>		

### EDUCATION AND SKILLS

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<b>Newark, NJ</b>	<b>New Jersey Institute of Technology</b>	<b>Fall 2013 – Present</b>
<ul style="list-style-type: none"><li>• B.S. in Computer Science w/ minor in Applied Mathematics, May 2017 (Expected).</li><li>• Overall GPA: 3.71.</li><li>• Courses Completed: Programming Language Concepts; Foundations of Computer Science I; Principles of Operating Systems; Computer Organization and Architecture; Intro to Data Structures; Differential Equations; Probability &amp; Statistics; Physics II.</li><li>• Courses to be Taken in Fall: Intensive Programming in Linux; Foundations of Computer Science II; Calculus III</li></ul>		

#### Programming Skills

- **Java** (Comfortable); **Android** (Comfortable); **C#** (Comfortable); **JavaScript** (Comfortable); **Flash ActionScript 3.0** (Comfortable); **C++** (Comfortable); **ARM Assembly** (Prior Experience); **Python** (Prior Experience).

#### Other Computer Skills

- **HTML5** (Prior Experience); **CSS** (Prior Experience); **Bootstrap** (Prior Experience); **Node.js** (Prior Experience); **wxWidgets** (Prior Experience); **XML** (Prior Experience); **JSON** (Prior Experience); **Markdown Language** (Prior Experience).
- Familiar with the following software and IDE's: **Git Bash**; **Github**; **Textpad**; **Eclipse**; **Android Studio**; **Visual Studio**; **Code::Blocks**; **ATOM Editor**; **Adobe Flash**.

### TECHNICAL EXPERIENCE

#### Projects

- **ChallongeMobile** (2014): A mobile version of the popular tournament bracket web application Challonge (<http://www.challonge.com/>); gained experience working with REST API's and using HTTP basic authentication. Android, XML.
- **Imgur API Tool** (2014): A GUI application that uses Python's Tkinter module in order to display a user's basic Imgur account information; gained experience using Tkinter, as well as with using REST API's. Python.
- **Canvas Battle** (2014): A 2D arcade shooter game with randomly generated enemies; uploaded to the popular gaming portal Kongregate (<http://www.kongregate.com/>); gained experience leading a team of people and directing each on what to do to make the game come together. Flash ActionScript 3.0.
- **Personal Web Page** (2014): An online portfolio of past projects (link at top of resume); gained Bootstrap and JavaScript experience. HTML5, JavaScript, CSS.

### ADDITIONAL EXPERIENCE AND AWARDS

- **Best App Design** (HackNJIT 2014): Won an iPad Mini for having the best-looking app (ChallongeMobile).
- **Member of the Association for Computing Machinery** (NJIT Chapter & National): Participate in weekly meetings; assist others with computer science-related issues; regularly help organize events on campus.
- **Member of the Student Activities Council** (NJIT): Regularly help organize events on campus.