

Rixing Wu

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EDUCATION

Wentworth Institute of Technology - Boston, MA

Expected August 2018

Bachelor of Computer Science, GPA: 3.2/4.0, Major GPA: 3.7/4.0

Related Courses: Networks & Systems, Computer Architecture, Object Oriented Programming, DBMS, Data Structure, Web Application, Assembly Language, Cryptography & Security

SKILLS

Language: C, C++, Java, Swift, Objective-C, Python, Haskell, Javascript, Node.js, PHP, SQL, bash, html, css, json

Frameworks: Cocoa framework, Java platform api, JQuery, Bootstrap, Realm.io, Twitter api, IOS framework, npm

Skills: Thread Programming, Functional programming, Asymmetric & Symmetric Encryption, Rapid prototyping

Software: DBMS, Eclipse, Vim, Processing, Github, VMware, XCode, Illustrator, Photoshop, Microsoft Word & PowerPoint & Excel, Parse Platform, JustinMind, RStudio

Operating Systems: Ubuntu Linux, OS X 10, Windows 10

WORK EXPERIENCE

Student Tutor, Java Programming | Boston, MA

Aug - Dec 2015

- Developed weekly learning challenges to assist 6-10 fellow students better comprehend classroom lectures and learning objectives
- Improved overall test performances

Hanger, McLaughlin Tobacco - Southwick, MA

2011 - 2013

- Experienced in working with a diverse group of employees in a team oriented environment
- Maintained efficiency and attention to detail performing day to day tasks

PROJECTS

Arduino & Raspberry Pi - Home automation via Amazon Echo voice control

Summer 2016

- Configured an Alexa-pi server to respond to UPnP requests from the Echo device
- Utilized radio frequency(433Mhz) to control lights, television, and wall plugs

Secure Chat - Fully encrypted messaging app

Mar 2016 - Present

- Initializes communication with Diffie Hellman Key Exchange Algorithm
- Encrypts data via AES-256 block cipher

Circle Jam - A miniscule game for ios devices

June 2014

- Approved for publication by Apple's review team and had over 500 downloads the first month
- Designed and implemented with Spritekit game engine and Swift

ACTIVITIES / INTERESTS

Co-Founder of Local High School Cycling Club | Westfield, MA

2013 - 2014

- Oversaw the safety as well as the needs of fellow members
- Assisted riders with various mechanical problems and tire & tube repairs

HOBBIES

- Bicycle Repair, Mountain hiking, Camping, HackerRank challenge