

Jessica Wu

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Education

University of Michigan, Ann Arbor, MI April 2016
Bachelor of Science in Engineering in Computer Science GPA: 3.76/4.00
Dean's List Winter 2014, Fall 2014
IA Award for EECS 183 April 2015
Relevant Coursework: EECS 441 Mobile App Development for Entrepreneurs (current), EECS 485 Web Databases & Information Systems (current), EECS 482 Operating Systems (current), EECS 281 Data Structures and Algorithms

Work Experience

Clarity Lab, Ann Arbor, MI Summer 2015

Research Assistant

- Converted the pre-existing communication interfaces of an image processing application to that defined by Apache Thrift for use in the ClarityEco system of services
- Standardized and documented a unified command line argument call structure between all services
- Gained experience working in a large GitHub code base as well as utilizing GitHub's issue tracking, pull request, wiki documentation, and rebasing tools

University of Michigan, EECS Department, Ann Arbor, MI September 2014 – April 2015

Instructional Aide

- Assist in the teaching of the University of Michigan's introductory programming course *EECS 183 Elementary Programming Concepts*, class size of 800 students
- Lead discussion sections of 30 students and hold office hours to provide one-on-one instruction
- Design and test starter code for student final project

PCE Systems, Farmington Hills, MI

Summer 2014

Software Developer Intern

- Maintained community mental health databases using SQL
- Worked on backend development in Java and WebObjects to generate and update medical web-pages
- Utilized visual basic to edit and deploy crystal reports
- Gained experience with version control and working from repositories

Projects

Base Race, Ann Arbor, MI

Winter 2015

EECS 494 Final Project

- Developed a multi-player resource-gathering combat game using Unity
- Created art assets including music, textures, and HUD icons
- Iterated with Agile software development to prototype, test, and improve from concept to final product

Insta-Paint, Ann Arbor, MI

December 2014

EECS 285 Final Project

- Created a multi-player Java application to apply user-selected color and photo filters onto uploaded photos
- Developed and implemented an image posterization algorithm to generate various color filters
- Assisted teammates with testing and debugging of features such as drawing, networking, and GUI layout

Dapper Daily, Detroit, MI

January 2014

MHACKS III Project

- Worked in a team of four, developing a web-app utilizing Pinterest API, Python, and Django
- Designed and implemented a webpage in HTML and CSS

Skills

Programming Languages: C++, Python, Java, MySQL, C#, HTML, CSS

Applications: Microsoft Office, Adobe Photoshop, Visual Studio, Unity, GitHub

Languages: Fluent in Chinese, conversational Japanese (JLPT N3)