Madalyn Parker

parke261@msu.edu
425-999-1284
1016 Lakeway Ave.
Kalamazoo, MI 49001

EDUCATION

Bachelor of Science, Lyman Briggs Computer Science Coordinate Major, Chinese Minor, Dec. 2013
Michigan State University, East Lansing, MI
GPA: 3.47/4.0

Courses: Software Design, Operating Systems, Computer Architecture, Algorithms and Data Structures, Software Engineering, Computer Networks, Server-Side Web Development (Ruby on Rails), Database Systems, Mobile App Development (Android), Collaborative Design (Capstone), Compilers

WORK EXPERIENCE

Microsoft, Visual Studio Developer Division, Patterns and Practices Team, Program Manager Intern
Redmond, WA, Summer 2013
  - Planned and Executed Hands On Labs for Enterprise Library 6.0
  - Became familiarized with the Enterprise Library and created a prioritized backlog of tasks necessary to deliver a finished product
  - Delivered instructions and begin/end solutions (Hands on Labs) for each application block in the Enterprise Library
  - Conducted a usability study
  - Utilized feedback from the usability study and technical colleagues to improve content and provide users with helpful exercises that effectively illustrate the benefits of using the Enterprise Library

TechSmith, Camtasia Relay Team, Software Developer Intern
Okemos, MI, September 2012-December 2012
  - Improved Camtasia Relay through enhancements and bug fixes
  - Researched integration of TechSmith Cloud storage into Camtasia Relay and created prototype as a proof of concept for the team
  - Participated in triage and design studio meetings

MATRIX Student Developer, Michigan State University
East Lansing, MI, Jan. 2011-Present
  - Utilized subversioning in order to work on projects simultaneously with other programmers
  - Leveraged PHP, jQuery, CSS, and HTML to create dynamic web pages featuring breadcrumbs, audio/video display (Flow Player), and pulling back-end information from Kora (content management program)
  - Made Kora (content management) more accessible and intuitive for users through UI improvements

OTHER EXPERIENCE

Study Abroad in Tianjin, China for Language and Culture
Summer 2010
  - Communicated with Chinese and English-speaking people in academic and relaxed settings using both Chinese and English to convey meaning.
  - Enhanced understanding of Chinese culture by comparing Chinese and American customs, and discussing their differences with Chinese locals.

RELEVANT SKILLS
  - Fluent using C++, C#, PHP, Python, MySQL, SQL, jQuery, CSS, HTML
  - Moderate experience with **J**ava, C, Visual Basic, Assembly, Ruby on Rails
  - Experience using Visual Studio, Eclipse, svn, GIT, Mac OSX, Windows XP/7/8, Unix/Linux, FTP, Terminal/Command Prompt, IDLE

ORGANIZATIONS AND HONORS
  - **MSU Women In Computing Outreach Chair** 2012-2013, **Secretary** 2011-2012, Member Spring 2011-Present
  - **NSF STEM Scholars** Fall 2010-Present