Mark Hensel

MARK @ MARKHENSEL.NET

EDUCATION

The University of North Carolina at Chapel Hill
 Bachelors of Arts in Computer Science, expected May 2016. GPA: 3.38
 Colonel Robinson Scholar: full-ride merit scholarship awarded to select students in the sciences
School Year Abroad, Zaragoza, Spain, 2010-2011
 Earned Spain's Diploma of Spanish as a Foreign Language at the highest level of fluency (C2)

TECHNICAL SKILLS

- Developed applications in **Java** for internship work, class projects, and Carolina Glass Explorers
- Analyzed scientific data with **Python** for summer bioinformatics research project and coursework
- Created dynamic web pages with **HTML**, **CSS**, and **JavaScript** in internship and course projects
- Experience with basic **C** and **SQL** gained from coursework and self-teaching

ENGINEERING EXPERIENCE

Deutsche Bank Global Technology, Research Triangle Park, NC, June – August 2015
- Designed and developed Core Services software platform and applications used throughout the bank using **Java**, incorporating REST services, caching, Spring Boot, and JMS messaging queues
- Researched, designed, and implemented user interface for proposed interviewing web application
- Collaborated in an Agile framework, using **Git** for version control and **Maven** for build automation

RESEARCH EXPERIENCE

HHMI Future Scientists & Clinicians Program, UNC Chapel Hill, June – August 2014
- Implemented an imaging analysis workflow in **Python** utilizing machine learning for classification

LEADERSHIP EXPERIENCE

Lead Developer, Carolina Glass Explorers**,** August 2014 – Present
- Collaborated with Development Team to develop software in **Java** for Android and web
- Crafted project plan and lead meetings, and gave input to executive board
Technology Chair, Design For America, August 2014 - Present
- Worked to enhance the group's web presence, advise on technological tools for project development, and provide technical and overall input to the executive board

PROGRAMMING PROJECTS

Personal website developed using standard HTML/CSS as well as the Bootstrap framework for CSS
Android application for event handling and discovery in the UNC Residence Hall Association
Web application interface for Deutsche Bank interviewing, hiring, and candidate discovery
ACM International Collegiate Programming Contest, Fall 2014 and 2015
- Solved programming problems in a small team by applying essential algorithms in **Java**