

Alexis Nicole DiVincenzo

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PROGRAMMING LANGUAGES

Java
Python
HTML5
CSS
C#
JavaScript
C
C++
Ruby

FRAMEWORKS

Bootstrap
ASP.NET Core
Ionic
AngularJS
Rails

MISC. TOOLS & SKILLS

Adobe Illustrator
Adobe InDesign

EDUCATION

University of Iowa, Iowa City, IA

August 2013 - May 2017

- BSE in Computer Engineering
- Focus in Software, Minors in Computer Science and Mathematics
- Achievements: 3.25/4.0 GPA, SWE member, Girls Who Code Facilitator

WORK EXPERIENCE

University of Iowa | MORL

Research Assistant

May 2016 - June 2017

- Wrote Python tools and test cases to help process, summarize, and extract information from genetic data
- Programmatically created one of a kind figures to help researchers visualize the make up of genes

University of Iowa | Engineering Problem Solving II

Teaching Assistant

January 2015 - May 2016

- Explained programming concepts at a basic level
- Held office hours for students seeking assistance with homework or course content
- Successfully debugged student programs in a timely manner

ACADEMIC EXPERIENCE

Used the Agile software process to create a web application to streamline the process for OBGYN physicians requesting time off at the University of Iowa Hospitals and Clinics.

- **C#, ASP.NET Core, Bootstrap, MySQL**

Worked in a group to develop a hybrid mobile application, which was the first of its kind, to determine a user's hearing threshold.

- **Ionic, AngularJS, Firebase**

RELEVANT COURSEWORK

- ECE 5830 – Software Engineering Project
- ECE 5820 – Software Engineering Languages & Tools
- ECE 5800 – Fundamentals of Software Engineering
- DSGN 2500 – Graphic Design I
- CS 3980 – Hybrid Mobile Application Development
- CS 3330 – Algorithms
- CS 2230 – Data Structures