

Michael Hawes

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Education

Western New England University
Bachelor of Science in Computer Science
Minor in Bio-Medical Physics
Current GPA: (3.22/4.0) Expected May 2019

Courses

Software Development (Java) – (In Progress)
Software Design (Java) – (In Progress)
Data structures and Algorithms (Python)
Introduction to Programming with Python

Technical Skills

Advanced:

Python, Git, Flask, Jinja2, HTML, CSS, Bootstrap, SpecFlow

Prior Experience:

C# .NET, Java, SQL, SQLite3, OpenCV

Software:

Adobe Illustrator, Microsoft Office, Xcode, Terminal, Atom, Visual Studio, Acrobat

Environments:

Apple(OS X), Microsoft(Windows), BDD

Experience

eRPortal Software, Inc.

West Springfield, MA

Software Engineering Intern

09/2016 - Present

- Increased V5 unit testing by over 600%
- Wrote unit tests in C# and SpecFlow to ensure the version five platform is working properly
- Assist with software development tasks using C#, SQL
- Data Imports with SQL

Nextera Energy (Seabrook Nuclear Power Plant)

Seabrook, NH

Technician Assistant

05/2016 - 08/2016

- Held and currently able to hold an unescorted access clearance
- Assisted and spotted heavy machinery
- Understand how to work safely in a nuclear and large business environment
- Acquired many qualifications from fire watch to material handling

Projects { github.com/hawzie197 }

Project Leo

09/2016 - Present

A fully open source AI platform for developers. Leo has the capability to search the internet, tell time, check the weather, send text messages and more! Just download and ask Leo!

Tools Used: Python, SQLite3, Git, FuzzyWuzzy, webbrowser, openweathermap, time, Beautiful Soup

Get Your Search On

11/2016

An advanced session based search algorithm that learns from user input.

Tools Used: Python, nltk, py-google, stemming, beautiful-soup, Flask, HTML5, CSS3, Haven On-Demand

Blind-View

04/2016

Translates company logos to speech in order to help the blind in everyday situations. Our team received the first place prize from Hewlett Packard Enterprise for best use of Haven On-Demand APIs.

Tools Used: Python, OpenCV, Git, JSON, Twilio, HPE

Memberships

WNE Entrepreneurship Club
WNE Association for Computing Machinery (Secretary)
WNE Hackerspace
WNE Rugby Club

Awards

First Place Hewlett Packard Award, for best use of Haven On-Demand APIs 04/2016
New Hampshire Scholars 06/2015