BENJAMIN BRENNAN

COMPUTER SCIENTIST

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PROFILE

Dedicated & Educated Computer Scientist with skills and experience across the entire stack. Expertise in building engaging and efficient front-end experiences, with the depth and range to build production ready solutions. Passionate about using code to develop elegant and efficient solutions to complex problems and challenges. Committed to building hardened, tested, and equitable software for everyone.

TECHNICAL PROJECTS

- Developed Travel Guide for group project in including programming and testing HTML, CSS, JavaScript, Node.js and Mustache. Our group scored highest amongst all participating teams. Project files can be found here: https://github.com/tiagosaurus/web-programming-project
- Developed a software package that implements search engine retrieval methods using OOP in Python. The program was run on complex Shakespeare writings, and was able to hold up under intense scale testing.
- Developed program in Python that scrapes CDC website for current COVID-19 data in the US and executes daily plots to spot trends and patterns.
- Developed portfolio at https://b-brennan.github.io/ all in HTML, CSS and JavaScript.

WORK HISTORY

RICE FRUIT FARM — Wilbraham, MA
Grill Cook — April 2015 – Current

- Supervised new employees, and teach required skills/work
- Worked efficiently as a part of a team to make large number of orders in a timely fashion

EDUCATION

UNIVERSITY OF MASSACHUSSETTS AMHERST
BACHELOR OF SCIENCE
Computer Science

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE
A.S. Computer Science Transfer

TECH SKILLS

PROGRAMING LANGUAGES:
Java, Python, JavaScript, C, C++, HTML, CSS, Node, PHP, Object-Oriented Programming

DEVELOPMENT ENVIRONMENTS:
Visual Studio Code, Eclipse, Jupyter

PRODUCTIVITY SOFTWARE:
MS Windows platform, Office (Word, Excel, PowerPoint), Google Docs

COURSEWORK

Intro to Computer Science, Intro to Java, Intermediate Java, Data Structures & Algorithms, Machine and Assembly Language, Discrete Structures, Digital Logic, Reasoning Under Uncertainty, Computer Systems Principles, Algorithms, Digital Forensics, Programing Methodology, Computer Networks, Operating Systems, Web Programming, Search Engines, Health Data and Sensors