Maura Kieft

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Education

University of Colorado - Boulder Boulder, CO
BA Computer Science Aug 2017 - May 2020
- Dean's List
- Captain of CU Women's Ice Hockey team

Saint Anselm College Manchester, NH
BA Computer Science with Business Aug 2015 - May 2017
- Dean's List
- Recruited to play NCAA Women's Ice Hockey

freeCodeCamp May 2020 - September 2020
- Javascript Algorithms and Data Structures Certification
- Responsive Web Design Certification

Relevant Coursework: Data Structures, Algorithms, Cybersecurity, Software Development Methods and Tools, Principles of Programming Languages, Human Computer Interaction, Accessible Web Design, Computing (C++ and Python), Computer Systems, Graphical Information Systems, Calculus I and II, Linear Algebra, Discrete Mathematics, Technical Communication and Design

Skills

Languages:	C++, Python, Javascript, C#
Full Stack:	HTML, CSS, Node.js, MySQL
Other:	Unix/Linux, Windows, MAC, Git, Microsoft Office

Experience github.com/mkieft/Projects

Peer Taught *HTML, CSS, Javascript, Node.js, SQL*
Worked collaboratively through a complete agile software development process creating a web resource for CU students to connect with their peers, create study groups, ask questions, and find resources in one hub. The project implemented front-end design and construction using HTML & CSS, back-end database design and construction, full-stack integration, and cloud-based application deployment

Emulating SSL and Password Verification *Python3, Wireshark*
Emulated SSL cryptographic protocols and password verification using a SHA-2 hashing algorithm and randomly generated 32-character hexadecimal salt for increased security, with RSA and AES encryption for private and public keys to create an encrypted interaction between client and server that is completely confidential and has complete integrity

Weather Services *HTML, Javascript, Application programming interface (API)*
Created a RESTful Web Service using public API to read current weather information from data point values to create a weekly forecast web page