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
- Implemented front-end design and construction using HTML, CSS & Javascript, 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
- SHA-2 hashing algorithm and randomly generated 32-character hexadecimal salt for increased security
- 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
- Reads current weather information from data point values to crate a daily and weekly forecast web page