



UTAH VALLEY UNIVERSITY
COMPUTER SCIENCE, COLLEGE OF ENGINEERING

To whom it may concern,

Brek'n Shumway is an excellent student. He took CS 3670, in the Spring of 2022, at UVU. His skills are outstanding. 3670 covers Software Engineering Security and Cloud Computing. He wrote a brute force password cracker that hacked other students' web servers. He also did a thorough analysis of a peer-reviewed academic paper's vulnerabilities to SQL Injection. Because of this, I'm confident in his ability to learn and apply security protocols and industry best practices.

Brek'n also built an internet chat app, using HTML web sockets, on AWS. He also used AWS Lambda functions and AWS Dynamo DB for multiple projects.

In addition to his academic prowess, Brek'n also has excellent soft skills. He rarely missed class and was always courteous and polite. In a day where people typically have their noses in their cell phones, it was refreshing to have Brek'n come to class face to face and actively participate.

I also saw many interactions between Brek'n and his classmates. He is a team player with great social skills. As a final project, students created "tank-battling" clients and servers, to an application protocol the students agreed upon. In addition to a student's client being able to communicate and function properly with his or her own server, they were also required to demonstrate their client and server communicated and functioned properly with at least one other student's client and server.

I believe requiring students to solve difficult problems in the classroom carries over to their careers by giving them the confidence that they can solve anything. IMO, Brek'n will become one of the company's go to developers and he will quickly establish good rapport with both peers and supervisors. Because of both his soft and his technical skills, it will probably only be a few years before Brek'n will be a team lead.

If you have any questions, please phone or email me. Thanks!

Very respectfully,



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