

Hunter Rasmussen

CS Student interested in Videography

<https://hunterasmussen.github.io/portfolio/>

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About

I love learning new things and pursuing knowledge. I am driven by an innate curiosity to learn everything I can. I'm especially passionate about computer science and mathematics. I believe knowing and understanding fundamentals is critical to creating good products.

Education

**B.S. Computer Science | Brigham Young University
2020**

Minor in Mathematics

Focused on theory and math-related classes in the C.S. major

Favorite Courses:

Concepts of Programming Languages

Explored the underlying properties of data and function abstraction/encapsulation and logical programming in numerous languages such as Haskell, Lisp, Julia, Erlang, and Prolog

Software Design & Testing

Created and tested a larger scale project of a modern board game involving multiple players over a network connection

Verification and Validation/ Model Checking

Discussed the logic behind reasoning about the future and current state of execution in a given model. Created software models and verified properties with ctl logic

Linear Programming/Convex Optimization

Covered the algorithms for solving complex linear problems and discussed applications such as the stock market, structural

optimization, network flow, distribution, game theory, and optimal paths

Languages/Tools used during my undergrad:

C, C++, Linux, Java, Python, HTML, CSS, Git, Bash, Vue, JavaScript, Make, SQL, Node, Haskell, Julia, OpenGL, GLSL, Promela, Spin

Work

BYU Athletics Department | Video Technician **2013-Current**

Wrote plugins and scripts for Adobe Suite software to increase workflow efficiency, filmed NCAA sports and interviews, edited game highlights, directed and produced promotional videos for BYU Cougars website and Social Media pages, edited historical all-time highlights for promotional displays

[SUPAF](#) | **Independent Web Developer** **2019-Current**

Worked with a Graphic Designer to revamp the Southern Utah Performing Arts Festival website and user-registration process

BLM Trail Manager, BYU Custodian, Piano Teacher **Pre-2013**

Volunteer

The Church of Jesus Christ of Latter-day Saints | **Missionary** **2014-16**

BYU French Camp | **Customs Interviewer** **2014**

Held interviews with camp participants in French as a role play activity. I like French and think everyone should learn a second language and culture.

BYU Love Struck Film | **Gaffer/Lighting Specialist** **2012**

BYU PowWow | **Computers Merit Badge Counselor** **2012**

Salt Lake Film – **Zombie Night** | **Assistant Cameraman/Gaffer** **2012**