

# Alexander Neville

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## CAREER OBJECTIVE

To obtain a full-time position as a computer programmer, in which I can apply my knowledge of coding and mathematics in order to help create quality software.

## EDUCATION

**Brigham Young University**, B.S. in Computer Science: Animation, April 2019  
Minor in Creative Writing, Minor in Mathematics, Member of BYU Y-Hack  
Major GPA 3.72

CS 142: Intro to Programming  
CS 224: Intro to Computer Systems  
CS 235: Data Structures and Algorithms  
CS 236: Discrete Structures  
CS 240: Advanced Programming Concepts  
CS 252: Intro to Computational Theory  
CS 260: Web Programming  
CS 312: Algorithm Design and Analysis

CS 340: Software Design and Testing  
CS 355: Graphics and Image Processing  
CS 455: Computer Graphics  
CS 470: Intro to Artificial Intelligence  
CSANM 150: Intro to 3D Graphics  
CSANM 354: Shader Programming  
ENGL 316: Technical Communication  
VASTU 101: Intro to Art and Drawing

## TECHNICAL SKILLS

**Languages:** Java, C, C++, C#, SQLite, HTML, CSS, JavaScript, TypeScript, Angular 6  
**Platforms:** Android, Alexa, Amazon Maps, Web Development, Maya, Unity  
**Programming Competitions:** Lucid Software, Pariveda Solutions, HackerRank  
**Miscellaneous:** 3D Modeling, Technical Writing, Creative Writing

## PROFESSIONAL EXPERIENCE

**Sling Engineering Intern** | Sling TV | May 2018 - August 2018 | American Fork, UT

- Converted the AV-Standalone Player, a UI-independent testing environment, from JavaScript and AngularJS to Angular 6 and TypeScript.

**Teaching Assistant** | BYU Computer Science | August 2016 - Present | Provo, UT

- Assisted students in designing, programming, and debugging large-scale Java and Android applications.

**Operations Analyst** | BYU Office of IT | January 2015 - June 2016 | Provo, UT

- Actively monitored campus systems, network, and applications. Provided 24/7 technical support to end users.

**Volunteer Representative** | Church of Jesus Christ of Latter-Day Saints | October 2012 - October 2014 | Denver, CO

- Consistently worked 10-12 hour days for two years.
- Worked with 2 food agencies and 3 nonprofit charity organizations.

**Production Assistant** | Just Write Court Reporters | April 2012 - October 2012 | Ventura, CA

- Assisted in the production of deposition and court transcripts.

## PERSONAL PROJECTS

**Super Asteroids** | Android Application: Mobile implementation of classic arcade game.

**FamilyMap** | Android Application: Displays user's family history data in an interactive map.

**Theme Park Facts** | Alexa Skill: Fun facts about theme parks.