**DANIEL CRAIG**

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# OBJECTIVE: Eager to drive back-end solutions at Instructure on a full-time basis

# EDUCATION:

### B.S. in Computer Science GPA 3.5

#### Brigham Young University Idaho; Rexburg, ID April 2019

##### Prepared to contribute innovative work by intensive study in computing topics

## • Algorithms and Complexity

## • Software Development I, II and III

## • Data Structures

## • Computer Architecture, Operating Systems

## • Web Engineering I and II

##### Passion for mathematics

## • Discrete Mathematics I and II

## • Linear Algebra

## • Engineering Statistics

# CERTIFICATIONS:

## • AWS Certified Cloud Practitioner **May 17, 2018 – May 17, 2020**

# SENIOR PROJECT:

#### https://github.com/AlldredgeCraigSeniorProjectTeam/oral-history

## • In process of creating a new Alexa skill in team of 2 people

## • Alexa skill will prompt a user for a family story, transcribe it, and add it to user’s family history on FamilySearch.org

# EXPERIENCE:

### Intern January 2018 – April 2018

#### FamilySearch.org

## • Improved the robustness of PaaS automation that deploys FamilySearch services to AWS

## • Ensured high code quality by practicing test driven development

## • Improved team onboarding process by writing original onboarding materials

## • Gained a strong working knowledge of AWS services, especially Elastic Beanstalk

### SQL and Python Tutor September 2017 – Present

#### BYU Idaho Tutoring Center

## • Reinforced experience while helping students gain deep intuition in use of SQL and Python

### Calculus Tutor January 2017 – September 2017

#### BYU Idaho Math Study Center

## • Strengthened technical communication skills by explaining concepts and techniques of Calculus

# SKILLS:

## • High proficiency with C++, Oracle SQL, Java and Python

## • Advanced proficiency with Git, GitHub, and Linux

## • Proficient in use of AWS, especially including Elastic Beanstalk, S3, IAM, and Lambda

## • Proficient in use of Travis CI

## • Fluent in Spanish