

# APRIL CASTANEDA

Software Engineer

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## projects

### TIMELINE CARD GAME

- Console game app - tests a player's knowledge of history by accurately placing event cards on a timeline
- Won 3rd Place (Overall), Best console app, and Public vote at Beaverhacks Summer 2019 Hackathon ([onlinegdb](#), [github](#))
- Programmed in C++

### WELCOME TO HELL

- Console game app wherein player tries to escape hell within 24 hrs or stay forever ([repl.it](#), [github](#))
- Programmed in C++

### LANGTON'S ANT

- Console app which simulates movement of Langton's ant, a two-dimensional universal Turing machine ([repl.it](#), [github](#))
- Programmed in C++

## EDUCATION

**Oregon State University**

B.S. COMPUTER SCIENCE

Post-baccalaureate

In Progress: GPA 4.0

Expected Grad: Dec 2020

**University of Nevada, Las Vegas**

B.A. FILM

2006

## SKILLS

### Languages

C, C++, Python

Javascript, HTML, CSS

### Technologies

Node.js, MySQL, Bootstrap

### Tools

Pycharm, Sublime, Vim,

VS Code, Xcode

Git, Github, Filezilla

## COURSES

Intro to Computer Science I (C++)

Intro to Computer Science II (C++)

Discrete Structures in CS

Data Structures (C)

Web Development (HTML/CSS/JS)

*Analysis of Algorithms (Python)*

*Software Engineering II (C)*

*current classes*

## work experience

Apr '19 - Current

**TEACHING ASSISTANT / Intro to Computer Science (C++/Python)**

*Electrical Engineering and Computer Science Online Education Department  
Oregon State University / Corvallis, OR*

- Conduct weekly office hours on Slack for a class of 400 students to answer questions about coursework and class concepts
- Organize and guide a section of 30 students on Canvas, answer e-mails, analyze and debug code, and grade coding assignments and essays
- Consult with fellow TAs regarding best practices in programming, teaching, and different approaches to evaluating students' code
- Assisted with testing and transitioning a curriculum in C++ to Python

2007 - 2018

**PRODUCTION SUPERVISOR & ASSISTANT SUPERVISOR / Freelance TV**

*Commercial Production / Los Angeles, CA*

- Supervised production of over a hundred national TV commercials, promos, and music videos
- Interacted and supported a diverse group of personnel with particular talents and capabilities
- Ensured cohesiveness, efficiency, and adherence to schedules and budgetary guidelines
- Mentored dozens of coordinators and PAs for over 10 years and networked and communicated remotely with freelancers in various cities