

Joshua Jones

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EDUCATION

Oregon State University	Apr 2019 - Apr 2021
<ul style="list-style-type: none">B.S. in Computer ScienceCoursework: Computer Architecture and Assembly, Discrete Math, Data Structures, Web Development, Algorithms, Software Engineering, Parallel Programming, Databases	GPA: 3.96
University of California, Berkeley Extension	Jan 2013 - May 2015
<ul style="list-style-type: none">Course work: Molecular Endocrinology, Biology of Cancer, Physiology, Neurobiology	GPA: 3.92
University of California Davis	Degree Awarded 2007
<ul style="list-style-type: none">B.S. in Microbiology	GPA: 3.15

LANGUAGES AND TECHNOLOGIES

- C++, Python, Java, Kotlin, HTML, CSS, JavaScript, Node.js
- Git, Eclipse, Jet Brains Suite, Android Studio

PERSONAL PROJECTS

- [The Awakening](#) (2019). C++
 - Text based adventure game about a newly sentient AI trying to escape from a network
 - Dynamically generated UI based on current game conditions, including inventory, location, and player state
- [Minutes to Midnight](#) (2019). C++
 - Console application allowing users to input and track time remaining to multiple upcoming events
 - Utilizes threads to enable real time updated status of a user specified countdown
- [CypherGen](#) (2017, in development). Java, Android Studio
 - Takes user input messages and encodes or decodes it with various historical ciphers, such as Caesar, Enigma, etc.
 - Highly customizable encoding, including user specified alphabets, case sensitivity, ignoring punctuation, etc.

EMPLOYMENT

Computer Science Teaching Assistant	Oregon State University	Sep 2019 - Present
<ul style="list-style-type: none">Mentored approximately 600 students in Discrete Math and Computer Science concepts including, but not limited to: logic, recursion, combinations, permutations, sets, summation, graph theory, data structures, searchAssisted with assignment development and evaluated and redesigned tests to automate grading		
Tutor	TutorCorps	Sep 2018 - Present
<ul style="list-style-type: none">Teach individuals new skills and informationDesign and create materials for acquisition of new skillsAnalyze issues in comprehension and develop effective strategies to overcome those issues		
Behavior Technician	A.G.E.S. Learning Solutions	Oct 2015 - Present
<ul style="list-style-type: none">Teach individuals new skills and informationDesign and create materials for acquisition of new skillsAnalyze issues in comprehension and develop effective strategies to overcome those issues		
Pet Assisted Therapy Team	PHS/SPCA	Jun 2017 - Present
<ul style="list-style-type: none">Coordinate appointments with different facilities, including YouTube and Stanford University, and PHS supervision teamDeliver, with aid of a therapy dog, effective pet therapy for stress reduction and quality of life improvement		
Assistant Store Manager	Hollister Co.	Sep 2007 - Feb 2010
<ul style="list-style-type: none">Evaluate and adjust employee distribution to adequately meet business' dynamic needsCreate schedule to properly allocate abilities of staff to match projected needsTrain staff to perform necessary duties or improve efficiency in those dutiesCollaborate with other managers to ensure smooth operations		