Jesse Endo Jenks

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jessejenks.github.io / resume

Education

University of Puget Sound	Tacoma WA
B.S. in Mathematics and Computer Science - double major	May 2018
Honors	*magna cum laude*

Relevant courses — **University of Puget Sound / Study Abroad in Budapest, Hungary**
Algorithms, Artificial Intelligence, Optimization, Software Engineering, Theory of Computing
Abstract Algebra, Linear Algebra, Real Analysis, Set Theory, Topology, Mathematical Logic

Skills

Languages — Java, Python, Javascript, Processing, P5js, D3js, \LaTeX, Flask, Numpy, Seaborn, Prolog, Lua
Digital Media — Adobe After Effects, Photoshop, Lightroom
Foreign Language — Fluent in Japanese

Projects

jessejenks.github.io page — Fall 2016 - Present
- Personal website showcasing various interactive Javascript projects
- Blog section has over 20 interactive pages on topics ranging from fractals, cellular automata, markov chains, neural nets, and many other topics

COMAP Mathematical Contest in Modeling Finalist — Spring 2017
- Finished in top 11 out of 1,527 teams from around the world with 2 other teammates
- Created cellular automaton based model to study influence self-driving cars may have on traffic flow

Raspberry Pi Slackbot — Spring 2017
- Created a chatbot trained on text messages, YouTube comments, and Shakespeare
- Loaded onto a Raspberry Pi so that members could chat with it through a Slack channel

Summer Research Paper - *What Do We Mean by Logical Consequence?* — Summer 2016
- Conducted independent research on differing views within mathematical logic
- Wrote a 20 page research paper on John Etchemendy's criticism of Tarskian model theory

Experience

Makerspace Assistant — University of Puget Sound, Tacoma, WA — Spring 2018
Collins Library
- Assisting students and faculty in using 3D printers, Arduino boards, Raspberry Pis, a laser cutter, a silhouette cutter, button makers, and other equipment

Teaching Assistant — University of Puget Sound, Tacoma, WA — Spring 2017
Philosophy Department
- Assisted professor in administration for class of 19 students on Formal Logic
- Graded homework assignments and provided weekly tutoring sessions for class

Department Tutor — University of Puget Sound, Tacoma, WA — Spring 2016 - Spring 2017, 2018
Computer Science Department
- Weekly peer tutor for all class levels

Media Services Staff — University of Puget Sound, Tacoma, WA — Fall 2014 - Fall 2016
Technology Services
- Performed troubleshooting for staff and faculty on campus
- Handled media requests for classes, events, and presentations

School Activities

ACM	**President,** Computer Science club	2016 - 2017
PMU	Mathematics Honor Society	Inducted Spring 2017
UPE	C.S. Honor Society	Inducted Spring 2016
PES	Honor Society	Inducted Spring 2015

Academic and Other Awards

School of Music Scholarship	2014-2018
Edward Goman Math Scholarship	2016 - 2018
Honors during Study Abroad in Budapest	Fall 2017
Collier Interdisciplinary Scholarship	Fall 2016

Other Interests

Interests, Skills — Cello, Philosophy of Math, Recreational Math, Data Visualization