Jesse Endo Jenks

jessejenks.github.io / resume

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Seattle, WA

Education

University of Puget Sound   B.S. in Mathematics and Computer Science - double major   Tacoma WA
Honors   *magna cum laude*   May 2018
Relevant courses   University of Puget Sound / Budapest Semesters in Mathematics, Study Abroad
Algorithms, Artificial Intelligence, Optimization, Software Engineering, Theory of Computing
Abstract Algebra, Linear Algebra, Real Analysis, Set Theory, Topology, Mathematical Logic

Skills

Languages & Libraries   Javascript, React, Express, Java, Python, Postgres, Haskell, Prolog, \LaTeX,
Processing, P5js, D3js, Flask, Jekyll, NumPy, Seaborn
Digital Media   Adobe After Effects, Photoshop, Lightroom, Illustrator
Foreign Language   Fluent in Japanese

Projects

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

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 criticism of Tarskian model theory

Experience

Software Engineer   Hex Insights, Seattle, WA   September 2018 - Present
Hex Insights
- Working on a small team focused on full-stack development
- Building single-page applications with React with an emphasis on design and ease of use
- Designing RESTful APIs to interface with custom databases

Makerspace Assistant   University of Puget Sound, Tacoma, WA   Spring 2018
Collins Library
- Assisted students and faculty with 3D printers, Arduinos, Raspberry Pis, a laser cutter, 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 twice-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

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, logic and the philosophy of math, data visualization