

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 React, TypeScript, Express, Go, Postgres, Javascript, Java, Python, 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

Blog Post Filter Fall 2019

- Created a custom language for filtering blog posts, and implemented a parser and interpreter
- Built a demo page with a syntax highlighted input box

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

Full-stack 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