

Jesse Endo Jenks

jessejenks.github.io / resume

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Tacoma, WA

Education

University of Puget Sound B.S. in Mathematics and Computer Science - double major
Honors magna cum laude

Tacoma WA
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

Digital Media Adobe After Effects, Photoshop, Lightroom, Illustrator

Foreign Language Fluent in Japanese

Projects

jessejenks.github.io Fall 2016 - Present

- Personal website showcasing interactive 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 automata based model to study the 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 demo page with a syntax highlighted input

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

Full-stack Software Engineer Hex Insights, Seattle, WA September 2018 - Present

Hex Insights

- Working on a small team building single-page applications with React, Express, Django, and Postgres
- Conduct unit and integration tests using the Jest framework
- Implemented custom API query system that dropped page load times from 30 seconds to 150 milliseconds
- Designing RESTful APIs to interface with custom databases

Teaching Assistant University of Puget Sound, Tacoma, WA Spring 2017

Philosophy Department

- Graded homework assignments and assisted professor in administration for class of 19 students on Formal Logic
- Provided twice-weekly dedicated tutoring sessions throughout the semester

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