Jesse Endo Jenks

JesseEndoJenks@gmail.com
linkedin.com/in/jesse-endo-jenks
Tacoma, WA

jessejenks.github.io/resume

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, A.I., Software Engineering, Compilers, Optimization, 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
Tools & Environments	VS Code, Git, Github
Foreign Language	Fluent in Japanese

Experience

Full-stack Software Engineer   Hex Insights, Seattle, WA   September 2018 - Present
Hex Insights
- Working in a small team building single-page applications with React, Go, Express, Django, and Postgres
- Conduct unit and integration tests using the Jest framework
- Implemented custom API query system that significantly dropped page load times
- Created custom loading animations with React and HTML5 canvas
- Designing RESTful APIs to interface with custom databases

Teaching Assistant   University of Puget Sound, Tacoma, WA   Spring 2017
Philosophy Department
- Graded assignments and assisted professor in administration for a 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

Projects

jessejenks.github.io   Fall 2016 - Present
- A personal website showcasing interactive projects
- Blog section contains over 20 interactive projects 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 Language   Fall 2019
- Created a simple language for filtering blog posts, and implemented a parser and interpreter
- Built a demo page with a custom syntax highlighted editor

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

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	2017
Collier Interdisciplinary Scholarship	2016

Other Interests

Interests & Skills	Cello, Logic, Philosophy of Mathematics