

# Jesse Endo Jenks

jessejenks.github.io

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## Education

### University of Puget Sound

B.S. in Mathematics and Computer Science - double major

Current GPA 3.76 / 4.0

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

Tacoma WA  
expected May 2018

## Skills

Languages Java, Python, Javascript, Processing, P5js, D3js, Flask, \LaTeX, Prolog, Lua

Digital Media Adobe After Effects, Photoshop, Lightroom

Foreign Language Fluent in Japanese

## Projects

### Github.io page

Spring 2017-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 a main subfield of 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  
Collins Library

Spring 2018

- 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  
Philosophy Department

Spring 2017

- 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  
Computer Science Department

Spring 2016 - Spring 2017, 2018

- Weekly peer tutor for all class levels

Media Services Staff University of Puget Sound, Tacoma, WA  
Technology Services

Fall 2014 - Fall 2016

- 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