



Cornell University

Joseph Nechleba

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<https://jnech1997.github.io>



<https://github.com/jnech1997>

EDUCATION

Cornell University, College of Arts & Sciences, Ithaca, NY	May 2019
Computer Science, GPA: 3.69	
McDowell High School, Erie, PA	May 2015

RELEVANT COURSEWORK

Data-Driven Web Applications (Sp18) • Intermediate Web Development (Sp17) • Operating Systems (Sp18) • Artificial Intelligence (Sp18) • Functional Programming (Fa16) • Systems Design and Programming (Sp17) • Algorithms (Fa18) • Machine Learning for Intelligent Systems (Fa18)

SKILLS

Technical: Javascript • Git • Bash • SQL • Java • OCaml • C • PHP • D3Js • Python • Swift • React
Language: French (5 years)

PROJECTS AND WORK EXPERIENCE

Vimbly Web Developer Intern: Summer 2018
Engineered core features for mobile-only South Korean luxury goods E-Commerce site www.catchfashion.co.kr in React and Node framework

Consultant for CS 2110: Object Oriented Programming Fall 2016-Spring 2018
Held weekly Office hours, graded student assignments and exams, built HyperText Search for course website: <https://www.cs.cornell.edu/courses/cs2110/2017fa/online/definitions.html>

Mac Gesture (Ghost) Control Spring 2018
Built Mac OS Application to give voice and gesture control over desktop space functionality for RIT hack-anywhere hackathon: https://youtu.be/zvYjYWXh_4Q

Cornell Opera Society Website: www.cornellopera.com Spring 2017
Developed photo gallery javascript functionality, used php to integrate front-end with back-end MySQL database for Cornell Opera Society website

Spotify Music Recommendation Spring 2018
K-nearest neighbors music recommendation web app for Spotify users using Flask, Spotipy, and NumPy

Othello in OCaml and GUI tutorial Fall 2016
Built GUI interface and connected it to back-end for team based project implementation of Othello in OCaml. Online tutorial for GUI's in OCaml: <https://joenechleba.wordpress.com/2017/07/09/extension-of-gui-intro-for-ocaml/>

OTHER

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- Cornell Sport Taekwondo: Captain
 - Cornell Class of 2019 Award (2017)