Joseph Nechleba

Cornell University

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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

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
Made back end photo gallery javascript functionality, used php to connect front-end with back-end
and MySQL database for team based building of the Cornell opera society website

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/

RELEVANT COURSEWORK

Data-Driven Web Applications   Spring 2018
   D3 JS course focused on converting raw data into meaningful interactive visualizations
Intermediate Web Development   Spring 2017
     PHP based web development and design course
Operating Systems   Spring 2018
      C and Python OS course covering topics like threading, caches, and sockets
Functional Programming and Data Structures   Fall 2016
     Higher level programming in OCaml with focus on software engineering
Artificial Intelligence   Spring 2018
     Introduction to the foundations of AI such as neural networks and game-tree search

OTHER

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