

Joe Nechleba

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Website: <https://jnech1997.github.io>

Github: <https://github.com/jnech1997>

EDUCATION

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

RELEVANT COURSEWORK

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

PROJECTS AND WORK EXPERIENCE

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| Vimbyl Front-End Web Developer Intern: | Summer 2018 |
| <i>Engineered core features for South Korean luxury goods E-Commerce site www.catchfashion.co.kr in React and Node framework</i> | |

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| Cornell Opera Society Website: www.cornellopera.com | Spring 2017 |
| <i>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</i> | |

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| Mac Gesture (Ghost) Control | Spring 2018 |
| <i>Built Mac OS Application to give voice and gesture control over specific computer functionality for RIT hackathon</i> | |

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| Othello in OCaml and GUI tutorial | Fall 2016 |
| <i>Built GUI interface and connected it to back-end for a 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/</i> | |

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| Consultant for CS 2110: Object Oriented Programming | Fall 2016-Spring 2018 |
| <i>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</i> | |

OTHER

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