

Current Address
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Matthew Barker
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Permanent Address
42 Panorama Dr.
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EDUCATION

Cornell University, College of Engineering – Ithaca, NY May 2019
• Bachelor of Science in Computer Science, Minor in Information Science

Don Bosco Preparatory High School – Ramsey, NJ May 2015

EXPERIENCE

Software Development Intern – The CBORD Group, Inc. Jun. 2017 - Aug. 2017
• Global campus service provider of access, card, foodservice, and housing management
• Team: Odyssey PCS, card access and PoS database management software
• Work: refactoring and overhauling iOS app, miscellaneous website features

LEADERSHIP

Teaching Assistant – Intro. To Web Design and Programming Aug. 2017 - Dec. 2017

Team Lead, Designer, Developer – Cornell App Development Sept. 2016 - present
• Engineering project team that designs and develops mobile apps to ship to consumers
• Tasks: Managing GitHub issues, leading agile development, inter-team communication
• Work: Ithaca Transit, navigation app for students and residents of Tompkins County

Design Lead, Developer – Student Assembly Tech Committee Oct. 2016 - present
• Create websites and mobile apps that help the Cornell community
• Tasks: Oversee team designers, weekly critique sessions, designs for several projects
• Work: Course review website, school planner website, branding, campus safety app

PERSONAL WORK

Brella – Available on iOS App Store Nov. 2016
• A beautiful, thoughtful weather app that delivers personalized daily forecasts
• Designed and developed front-end client in Swift; featured by several media outlets

SwifTube – Beta, Available on TestFlight present
• iMessage Extension for iOS to search and share inline YouTube videos

ACTIVITIES & AWARDS

Big Red Bands – Marching and Pep Band, Baritone Horn Aug. 2015 - present
• Pep Band Board Member: Webmaster Jan. 2016 - Dec. 2016

Cornell Lunatic – Campus Humor Magazine, Writer Sept. 2015 - present

Eagle Scout – Service Project: Drug Alcohol PSA Video Jan. 2015

SKILLS

Programming – Swift, Java, Python, OCaml, C, JavaScript, HTML / CSS, jQuery, PHP, R

Software – Xcode, Sketch, Pixelmator, Eclipse, RStudio

Past Coursework – Object-Oriented Programming, Data Structures, Functional Programming, Discrete Structures, Intro. and Intermediate Design and Programming for Web, Computer System Organization and Programming, Introduction to Algorithms