Current Address
130.5 University Ave.
Ithaca, NY 14853

Matthew Barker
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Permanent Address
42 Panorama Dr.
Warwick, NY 10990

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

Team Lead, Designer, Developer – **Cornell App Development**   Sept. 2016 - present
- Engineering project team that designs and develops mobile apps to ship to consumers
- Tasks: Design, develop, and lead production on Ithaca Transit navigation app

Chief Design Officer, Developer – **Cornell Design and Tech Initiative**   Oct. 2016 - present
- Create websites and mobile apps that help the Cornell community
- Tasks: Oversee team designers, weekly critique sessions, designs for several projects

Teaching Assistant – **Intro. To Web Design and Programming**   Aug. 2017 - Dec. 2017
- Tasks: Lead discussions, hold office hours, grade assignments, create lab assignments
- Guest Lecture: Created and led evening lecture on Git basics

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 – **Available on TestFlight**   present
- iMessage Extension to search and share media from YouTube, Spotify, Apple Music

ACTIVITIES & AWARDS

Big Red Bands – Marching and Pep Band, Baritone Horn   Aug. 2015 - present
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
Coursework – Object-Oriented Programming and Data Structures, Functional Programming, Discrete Structures, Intro. and Intermediate Design and Programming for Web, Computer System Organization and Programming, Introduction to Algorithms, Human-Computer Interaction Design, Networks