

Matthew Barker

Current Address
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Permanent Address
42 Panorama Dr.
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EDUCATION

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- 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

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- The CBORD Group, Inc. – Software Development Intern** Jun. 2017 - Aug. 2017
- Global service provider of access, card, foodservice, housing, and nutrition management systems for healthcare, higher education, and business campuses
 - Team: Odyssey PCS, card access and PoS database management software
 - Work: refactoring iOS app, improving design and adding new features to iOS & Android
- Cornell App Development – Team Lead, Designer, Developer** 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
- Student Assembly Tech Committee – Design Lead, Developer** 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: Rescuer campus safety app, course review website, school planner website

PERSONAL WORK

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- 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
- Latitude – Curated iOS travel app: product thinking to high fidelity screenshots** Feb. 2017
- A Better Lock Screen – Case study and exploration of mobile lock screen UI** Apr. 2016

ACTIVITIES & AWARDS

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- 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

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- Programming** – Swift, Java, Python, OCaml, C, JavaScript, HTML / CSS, 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