

## EXPERIENCE

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<b>iOS Developer</b>	<b>Bytemark (Siemens)</b>	<b>Summer 2020 - Current</b>
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- Leads iOS App Store releases for multiple transit clients while collaborating with 3rd party vendors.
- Takes initiative to optimize app performance and converts legacy Objective-C to Swift following MVVM architecture.
- Worked with improving and tuning localization, push notifications, custom payments system, and design.
- Took special care of accessibility and implemented voice overs/dynamic texts, with Accessibility frameworks.
- Implemented custom SDK to provide clients travel passes, payments system, routes/directions, and travel history.

<b>iOS Developer &amp; Consultant</b>	<b>Contracting &amp; Upwork</b>	<b>Fall 2018 - Current</b>
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- Prototypes iOS apps in a greenfield environment from an idea through the entire SDLC to release/beta testing.
- Learns new frameworks on the fly for iOS frameworks and developing backend (Ruby/Kotlin) as requested.
- Consults on successfully launching apps out the door from scratch with a limited budget and a timebox.
- Designs, researches, plans, codes, and executes technical projects - distill data and articulate rationale.

<b>iOS Developer &amp; Product Lead</b>	<b>Pyopl</b>	<b>Early 2019 – Summer 2020</b>
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- Worked as an iOS developer, designer, and PM for an early stage social media startup for college students.
- Built new features from the ground up while working closely with design, product, and other teams.
- Lead cross-functional reviews for design concepts, from initial wireframes & prototypes through feature completion.
- Spearheaded the initial launch to the iOS App Store as the product lead to a primary audience of 50,000 students.

<b>Cyber Security &amp; Privacy Consultant</b>	<b>PricewaterhouseCoopers (PwC)</b>	<b>Summer 2016 – Fall 2018</b>
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- Managed a year-long cyber security analytics project as the technical lead to implement a company-wide SIEM tool.
- Drove product development and risk assessment in cyber security field to discover client's internet facing assets.
- Developed and implemented analytical data models and dashboard and reports using Risk Fabric to enable executive stakeholders to analyze data and make business decisions.

<b>Venture Fellow</b>	<b>Startupbootcamp (SBC)</b>	<b>Summer 2016</b>
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- Consulted and aided seed stage startups incubated by SBC NYC in technical development and administrative duties.
- Sourced leading venture capital firms and key people in the fintech industry to invite to the startup expo.

## PROJECTS

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<b>iOS Developer and Designer</b>	<b>Orca</b>	<b>Spring 2018 - Current</b>
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- Created Orca, a x-platform web and mobile content managing application for online platforms, links, and contacts.
- Planned, researched, designed, developed, and released the application on all supporting iOS devices via TestFlight.

<b>iOS Developer and Designer</b>	<b>Cortado: The Modern Filter</b>	<b>Summer 2018</b>
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- Designed and developed a camera filter application with Figma and Swift (Core Image, Metal, Programmatic UI).
- Published on the iOS App Store with a current rating of 5/5 stars with daily new user downloads and activity.

## LANGUAGES AND TECHNOLOGIES – HIGHEST (LEFT) TO LOWEST (RIGHT) PROFICIENCY

Languages: Swift, Objective-C, SQL

Frameworks: Core Image, RxSwift, Realm

Tools: Jira, Trello, Figma, Firebase, XCode, Github, Bitbucket

Other: iOS Dev, Consulting, Project Management, Korean

## HACKATHONS & AWARDS

- ELIZA - Winner of Best use of **IBM Watson** and Best use of **Radix**, TechCrunch DisruptNY. Developed a mobile Ionic application to translate your speech to text and query it to determine your mental state leveraging IBM Watson.
- BumbleAidr - Winner of Best use of **Oculus Rift DK2**, Bitcamp. Developed a therapeutic VR application to help diagnose and treat patients with ADHD using Unity and the Oculus Rift. Awarded by former CEO Brenden Iribe.
- Project Asclepius - Winner of a Best **Microsoft Prize**, Hack the Planet. Developed a Windows 10 Application that attempts to help those diagnosed with Cerebral Palsy with their motor functions using muscle therapy (MYO).

## EDUCATION

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<b>Bethlehem, PA</b>	<b>Lehigh University</b>	<b>Class of 2016</b>
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- BS Integrated Computer Science and Business (CSB)
- *Leadership*: Senior Microsoft Student Partner, Programming Chair of Association of Computing Machinery (ACM)