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PATRICK N. TRIEST

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ADDRESS
20 North Street
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EXPERIENCE

Critical Ideas, Inc. voyse.me
Co-Founder & CEO - February 2014 - Present
- Manage startup based around Voyse, an encrypted, self-destructing voice messaging app.
- Engineer the application for Android, in collaboration with the concurrent iOS development.

DASIL: Data Analysis and Social Inquiry Lab dasil.grinnell.edu
Student Data Scientist - January 2015 - May 2015
- Query and parse data using a variety of RESTful apis.
- Engineer custom backends on which to store and analyze data.
- Create front-end web interfaces for data presentation and exploration.

Grinnell AppDev grinnellappdev.com
Co-Leader & Head of Android Development - March 2013 - May 2015
- Lead, motivate, and educate a multidisciplinary team of students dedicated to producing useful mobile applications for the Grinnell College community.
- Work closely with iOS team in all stages of development for each application.
- Expand group to 40 active members, manage a $150,000 3-year budget.
- Establish new developer training program and Android curriculum.
- Manage development and maintenance of 7 apps in production on the Google Play Store.

MIT Global Founders' Skills Accelerator: Hecuba Group, LLC hecuba.exposure.com
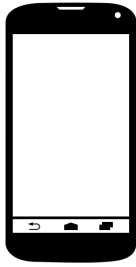Mobile Developer - Summer 2014
- Develop Android application to connect rural health organizers with local doctors.
- Work with international team to design and build the app with the goal of improving maternal health in rural Ghana.
- Optimize application to perform well in West Africa, where internet connectivity can be slow or non-existent.
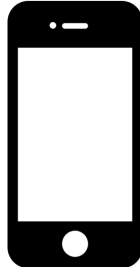
SKILLS

- Full-stack developer, familiar with 6+ programming languages.
- 3+ years of experience in Android development, 7 apps published in the play store.
- Develop iOS apps in Swift, integrating Objective-C libraries.
- Build webapps and data visualizations using Angular.js, jQuery, D3, and Bootstrap.
- Engineer application backends and APIs using Node.js, storing data in mongoDB.
- Setup and work with remote Linux servers and cloud services.
- Integrate apps with services and APIs including Facebook, Instagram, and Google Maps.
- Iteratively design, prototype, and perform usability testing on user interfaces.
- Build and interface with internet-of-things devices such as temperature sensors and lights.
- Develop software collaboratively, using the Agile methodology and Git version control.
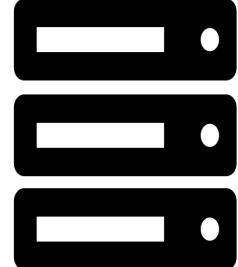
PLATFORM KNOWLEDGE

Android	iOS	Web	Backend

EDUCATION

Grinnell College Class of 2015
- BA in Computer Science, with the Neuroscience Concentration.

OTHER ACCOMPLISHMENTS

Pioneer Weekend Spring 2014
- Won 1st place in startup weekend with a business plan and prototype website for *Justice Served*, an online service to provide legal guidance at an affordable price.

Hackathons Fall 2013 - Present
- Active hackathon participant, competed in mHacks (2 and 3), Hack Illinois, Hacking Journalism (MIT Media Lab), and more.

Camino De Santiago Summer 2012
- Solo-hiked the 500 mile Camino De Santiago across Northern Spain.

Massachusetts Science Olympiad Spring 2011
- Won 1st place(out of 40+ teams) in sound-science event for designing, constructing, and performing with a custom harmonic trumpet and full-size marimba.