

SCHOOL ADDRESS

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Grinnell, IA 50112

**PATRICK N.
TRIST**

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HOME ADDRESS

20 North Street
Newton, MA 02460

EXPERIENCE**Critical Ideas, Inc.** voyse.me

Co-Founder & CEO - Spring 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.

MIT Global Founders' Skills Accelerator: Hecuba Group, LLC hecuba.exposure.com

Mobile Developer - Summer 2014

- Develop Android application and backend to connect community health organizers with urban doctors in order to improve access to accurate, personalized medical information.
- Work with international team to build, design, and test the application 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.

Grinnell AppDev grinnellappdev.com

Co-Leader & Head of Android Development - Spring 2013 - Present

- Lead, motivate, and educate a multidisciplinary team of students dedicated to producing useful mobile applications for the Grinnell College community.
- Manage development and maintenance of seven apps in production on the Google Play Store.
- Work closely with iOS team in all stages of development for each application.
- Expand group from 8 to 25 active members, secure \$120k in funding.
- Establish and implement new developer training program and Android curriculum.

Camp Sangamon campsangamon.com

Archery Instructor & Cabin Counselor - Summer 2011, Summer 2013

- Developed productive solutions for issues such as homesickness and bullying.
- Unleashed creativity to invent fun activities and tell exciting bedtime stories.

SKILLS

- Full-stack developer, familiar with 10+ programming languages
- Experience developing fast, native, cross-platform applications for Android, iOS and the Web.
- Design, test, and refine polished and intuitive user interfaces.
- Manage, motivate, and work within multi-disciplinary software development teams.
- Integrate APIs such as Google Maps, Facebook, Instagram, and Parse.
- Interface with RESTful web services and parse JSON/XML data.
- Extensive experience with the Agile development methodology and Git version control.
- Motivated problem solver, experienced self-teacher.

EDUCATION

Grinnell College Class of 2015

- Computer Science Major, 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 affordable and personalized legal guidance to college students.

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 building from scratch and performing with a custom harmonic trumpet and padouk marimba.