

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.

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

Developer - Summer 2014 - Present

- Engineer Android application to connect community health organizers with urban doctors in order to improve access to accurate, personalized medical information.
- Work with international team to learn how best to build 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 five 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 20 active members, secure \$120k in funding.
- Establish and implement new Android developer training program and 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

- Expert in Java and Android development.
- Knowledgeable in C, Python, PHP, Javascript, jQuery, HTML, CSS, Scheme, and SQL.
- Extensive experience with the Agile development methodology and Git version control.
- Interface with RESTful web services and parse JSON/XML data.
- Implement SQL databases and cloud backend services such as Parse.
- Integrate 3rd party APIs such as Google Maps, ActionBarSherlock and Facebook Graph.
- Independent 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.

Massachusetts Science Olympiad Spring 2011

- Won 1st place in sound-science event for building from scratch and performing with a custom harmonic trumpet and padouk marimba.

Camino De Santiago Summer 2012

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