



Eric Ghildyal

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Education:

University of Pittsburgh

(2015 - Present)

Computer Science

Relevant Coursework

Cryptography and Network Security, Cloud Computing, Algorithm Implementation, Data Structures, Intro to Systems Software, Intro to Operating Systems

Experience:

Root Health

(2017 - Present)

Co-founder/CTO - Root analyzes patient behavior and provides adaptive, personalized treatment at the right time for management of chronic conditions.

(Ionic - TS - Sass - HTML - Django - MongoDB - React)

Padblock - (Sponsored by Univ. of New South Wales)

(2017 - Present)

Project Leader - Researching and building a tool to use Blockchain technology in the creation of an immutable ledger for the Australian government's supply chain needs.

(Java - Go - Elasticsearch - JS)

UPMC Enterprises

(Summer 2017)

Software Engineering Summer Associate - Worked on extracting and De-Identifying sensitive patient documents in accordance with HIPAA guidelines for a new research-focused project. Also bolstered a RabbitMQ webhooks project in Node.js as a side project.

(Ruby - Python - Node.js - Java)

Faceplate (ADFA Research Project) (Univ. of New South Wales)

(Summer 2017)

Junior Visiting Research Fellow - Aided team in converting a highly manual workflow into a robust webapp. Included recommending actions and an adaptive interface using machine learning concepts and tools

(Elasticsearch - JS - C# - ML)

Studioality

(Summer 2016)

Web Developer Intern - Created custom implementations and WordPress

implementations of bespoke websites (front-end and back-end) (HTML - CSS - JS - PHP)

Citizen City

(2015 - 2016)

Volunteer Lead Web Developer - Designed front-end and back-end of Citizen City's first website (HTML-CSS-JS)

Awards & Certificates:

Excellence in Computer Science Award

(2015)

Emerging Leaders Program

(2016)

- Office of Cross Cultural and Leadership Development

Activities:

Pitt Computer Science Club

(2015 - Present)

- Speaker: "Bitcoin n'at" about the Bitcoin Blockchain

(2018)

Tartan Hacks (Hackathon)

(2018)

- Created a platform that encourages users to be fiscally responsible while rounding up their purchases and donating that money to charity at the end of each month

- **Winner:** BNY Mellon Prize "Finech for social good"

Skills:

Expert: HTML, CSS, JS, Java, Python, Git, Linux, Node.js, Blockchain

Intermediate: C++, Ruby, Elasticsearch, RabbitMQ, C#

Beginning: Networking, Hadoop/Big Data, Machine Learning, Databases