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.
(Firebase - Ionic - TypeScript - Sass- HTML)

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)

Steel Hacks (Hackathon) (2016)
- Used a MYO armband, Python, and C++ in a physical therapy application

PSU Hacks (Hackathon) (2016)
- Created an Amazon Alexa Skill to aid users in tracking their health

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