



# 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

(2017 - Present)

Co-founder and CTO - Root provides medical nutritional therapy and personalized AI-assisted clinicians for dietary 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)

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: HTML5, CSS3, Javascript/jQuery, Java, Python, Git, Linux, Node.js, Blockchain

Intermediate: C/C++, Raspberry Pi, MySQL, Ruby, Elasticsearch, RabbitMQ, C#

Beginning: Networking/Servers, Hadoop/Big Data, Machine Learning (ML), Webhooks