

Ashcon Partovi


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@electroid 

Proficiencies

Languages

Java 
Ruby 
Python 
JavaScript 
Bash 

Stacks

Docker 
Kubernetes 
MongoDB 
RabbitMQ 
SQL 
Linux 

Platforms

Google Cloud Platform 
Amazon Web Services 

Tools

Excel 
Git 

Interests

Biking
Directing musical called "Rent" - UBC
Late-night Improv

Citizenship

United States
Canada

Experience

Stratus Network LLC, Video Game Startup

2017 **Founder, DevOps Engineer**
30k users and 1 million game sessions
Deployed Kubernetes environment to support a new business model
Reduced cloud computing costs by 50%
Improved game uptime from 89% to 99%

Overcast Network LLC, Video Game Studio

2013 – 2017 **Software Engineer**
Created front-end game features for 2 million users
Programmed 30 game levels played over 150k hours
Contributed 20k lines of Java and 2k lines of Ruby

St. Joseph's Hospital & Medical Center, Dept of Medical Informatics

2013 **Informatics Intern**
Programmed QA test scripts for physician software

Programming Projects

github.com/electroid/infrastructure

2017 Kubernetes configuration, Docker images, and shell scripts for orchestrating the website and game servers of https://stratus.network

github.com/electroid/dropbox-sync

2017 Dropbox file-syncing client built from scratch in Java for the Docker environment

github.com/electroid/username-generator

2015 Generates random pseudonyms that look like they were made by a human

Education

University of British Columbia, Vancouver, Canada

2017–2021 **Combined Computer Science & Business, Undergraduate**

Carnegie Mellon University, Pittsburgh, Philadelphia, 1st Year Courses

2016 **Fundamentals of Computer Science**
2016 **Fundamentals of Design**

Georgetown University, Washington D.C., Pre-Collegiate Summer Program

2014 **Entrepreneurship Institute**

Phoenix Country Day School, Phoenix, Arizona

2013 – 2017 **High School**
5 AP courses, including Computer Science
15 Honors courses