CHASE HADDLETON

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Experience

Volunteer System Administrator
Linus Tech Tips Forum, *2014 – present*

- Designed and aided development of Video On Demand infrastructure and service using Node.js, Nginx, MySQL, and Nimble server
- Reduced effect of Denial of Service attacks on user experience by migrating inefficiently designed Apache infrastructure to Nginx
- Mitigate future security breaches by implementing new and stricter server security policy
- Maintain server infrastructure

Lead Software Developer
FIRST Robotics Competition Team 5834, *2015 – 2016*

- Founded team to give students an opportunity at hands on learning
- Achieved Best Rookie Team award
- Raised $50,000 to compete at the World Championship competition
- Taught students Java programming to improve team's future viability
- Managed a 6000 line Java application between two development teams with the use of GitHub

Intern, IT Field Services
Toronto District School Board, *July – August 2016*

- Repaired and re-imaged 40 HP laptop and Dell desktop computers in 5 days, exceeding schedule by 50%
- Upgraded 13 school networks in 4 weeks by replacing old Cisco 2960s switches with 2960x, increasing network throughput 10 fold

Consultant
Various, *2014 – 2016*

- Created website for Linus Media Group using HTML5, JS and CSS3
- Upgraded website for Streetlight Support Services
- Repaired and troubleshooted computers for Absolute Services

Projects

Travlr
Hack The North, *September 2016*

- Travel companion app that gives tailored recommendations of things to do and places to see
- Designed application's Google Cloud Platform end infrastructure
- Created REST micro-service architecture with Node.js and MongoDB

Smart Alarm Clock
2015 – 2016

- Internet connected alarm clock which connects to Gmail and weather networks to give personalized data to users
- Utilizes Java and JavaFX, OpenWeatherMap API, Google Authentication API

Skills

☕	Java 8 JavaFX	🖋	Apache Server
JS	JavaScript	G	Nginx
◈	Google Cloud	JS	Node.js
👥	Communication	👨‍🏫	Leadership

Awards

Computer Science Award
Riverdale Collegiate Institute, *2016*

Law Award
Riverdale Collegiate Institute, *2016*

Certificate of Distinction
University of Waterloo, *2016*

- Canadian Computing Competition
  - 82nd percentile (Senior)
  - 85th percentile (Qualifying Round)

Certificate of Distinction
University of Waterloo, *2015*

- Canadian Computing Competition
  - 97nd percentile (Junior)

Education

Honours B.Math, Co-op
University of Waterloo, *2016 – 2021*

Activities

- Undergraduate Mock Legal Trial Competitor
- Programming mentor for FIRST Robotics Competition Team D.A.V.E.
- Hobby photographer