

Kory Ray Watson

korywatson.com
github.com/kory

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Interests

Security, Machine Learning, Computer Architecture, Computer Vision


Experience

- 06/2018 – 09/2018  **Apple** – Software Engineer Intern | *turi.com*
- 06/2017 – 09/2017  **Google** – Software Engineer Intern, Tools and Infrastructure | *Cloud Billing*
- 12/2016 – 04/2017  **UW School of Nursing** – Software Engineer | *Clinical Informatics Research Group*
- 06/2016 – 08/2016  **Microsoft** – Software Engineer Intern | *SQL Server Tooling, High School Intern Program*
- 06/2015 – 08/2015  **Blue Origin** – Software Engineer Intern | *Avionics*
- 06/2014 – 08/2014  **Boeing** – Embedded Software Engineer Intern | *P-8 Program*
- 12/2013 – 02/2014 **SeaTec Consulting** – Lead Software Engineer Intern
- 05/2013 – 05/2015  **Pacific Northwest Business Aviation Association** – Web Manager Intern
- 09/2016 – 12/2016  **University of Washington** – IT Technician / Support

Education

- 09/2016 – 12/2019  **University of Washington** – Paul G. Allen School of Computer Science and Engineering (CSE)
Major: Computer Engineering | GPA 3.69

Research

- Current  **University of Washington** – CSE MODE Lab Undergraduate Research Assistant
MODE: Machine Learning, Optimization, Distributed Systems, and (E) Statistics
Project: Implementing a VAE (Variational Autoencoder) on MNIST data, testing various parameters

Classwork

- EE/CS:** Foundations of Computing I (Proofs, FSMs, Logic), Foundations of Computing II (Statistics), Hardware/Software Interface, Signal Conditioning, Introduction to Digital Design, Advanced Digital Logic, Systems Programming, Data Structures and Algorithms
- Math:** Linear Algebra, Vector Calculus with Analytical Geometry
- Physics:** Mechanics, Electromagnetism

Skills & Projects

Work Experience with

Java, C#, SQL, Python
CSS/SASS, HTML, JS
Debian/CentOS Server Management and Administration

Used in classwork

C, C++, Verilog, Java, Python, Assembly

Experimented with

Languages	Swift, Typescript, Scala
Frameworks	ASP.NET MVC (Core), Unity Game Engine, Cocoa Framework
Other	Adobe Creative Suite: Premier Pro, Illustrator, Photoshop

Accomplishments

- 2016 – Current **Member of UW Lavin Entrepreneurship Program**
- 2016, 2017 **Participated in University of Washington DubHacks Hackathon**
- 2016 – 2017 Member of University of Washington “Startup UW” Organization Executive Team
- 2016 **Participated in Microsoft //OneWeek Company Hackathon**
- 2011 – 2016 Developed and published tutorial videos on YouTube (over 1M views so far)
- 2015 – 2016 Member and communications lead of Science Olympiad team