Kory Ray Watson

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github.com/kory

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425-698-5910

Interests	Machine Learning, Hardware, Computer Vision
Location	*Strong* Preference for Greater Seattle Area

Work Experience

06/2018 – 09/2018	**Apple** – **AI & Machine Learning Engineer Intern** | *Apple ML and Artificial Intelligence*
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 3.73

Research & Teaching

Fall 2018	**University of Washington** – **Teaching Assistant** | *The Hardware Software Interface* Topics: Introduction to C, Assembly, x86 Architecture, Binary, Memory Allocation, etc. Duties: Teaching a weekly section, holding office hours, grading, course planning
Winter - Spring 2018	**University of Washington** – **Research Assistant** | *MODE Lab* MODE: Machine Learning, Optimization, Distributed Systems, and (E) Statistics Project: Implementing a VAE (Variational Autoencoder) on MNIST data, testing various parameters

Classwork

CS/EE:	Foundations of Computing I (Proofs, FSMs, Logic) & II (Statistics), HW/SW Interface, Signal Conditioning, Introduction to Digital Design, Advanced Digital Logic, Systems Programming (C/C++), Data Structures and Algorithms, Data Visualization, Compilers, Security
Math:	Linear Algebra, Vector Calculus with Analytical Geometry
Physics:	Mechanics, Electromagnetism

Skills

Work Experience with
  Java, C#, SQL, Python, (some) Pytorch, Objective-C, Objective-C++, Cocoa Framework
  CSS/SASS, HTML, JS, Debian/CentOS

Used in classwork
  C, C++, Verilog, Java, Python, Assembly

Familiar
  Swift, Typescript, Scala, ASP.NET MVC (Core), Unity Engine, 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)