

Quinn Perfetto

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EDUCATION

UNIVERSITY OF WINDSOR | HONOURS COMPUTER SCIENCE, MINOR IN MATHEMATICS

September 2013 – Present | Windsor, ON | Major Average - 95.05

EXPERIENCE

GOOGLE | SOFTWARE ENGINEERING INTERN

May 2016 – August 2016 | Mountain View, CA

- Developed an algorithm for evaluating the effectiveness of different machine learning models
- Efficiently computed comparison statistics over billions of impressions per day
- Refactored an existing data fetch and logging architecture to optimize for parallelism
- Succeeded in reducing response latency for a service with an extremely high query per second rate

BLOOMBERG LP | SOFTWARE ENGINEERING INTERN

May 2015 – August 2015 | New York, NY

- Worked on the software infrastructure team to design a service and .NET application which allowed quality assurance testers to automate the process of UI testing
- Integrated said service seamlessly into existing testing workflows and tools
- Implemented a parallelized image comparison library with support for generating difference images

UNIVERSITY OF WINDSOR | TEACHING ASSISTANT

January 2015 – Present | Windsor, ON

- Reviewed core concepts in lab sessions and helped students work through examples
- Held office hours for students who required additional help outside of class

TECHNICAL SKILLS

PROGRAMMING LANGUAGES C++ • C • Python • Haskell • C# • Go • \LaTeX • Bash • NodeJS • Java

AREAS OF INTEREST Algorithms and Data Structures • Graph Theory • Multithreading • Discrete Math • Systems Programming • Web Development • Optimization

MOST RECENT SIDE PROJECT

PROBLEM OF THE WEEK POTW.QUINNFTW.COM

- Weekly programming problems for University of Windsor Computer Science students

AWARDS / SOCIETIES

2016-2017	President of the Computer Science Society
2013-2017	Dean's Honour Roll
2013-2017	Renewable Entry Scholarship
2015-2016	Vice President of Academics for the Computer Science Society
2016	Elizabeth Ellen Tilston Memorial Scholarship
2015	Pernod Ricard/Hiram Walker & Sons Ltd. Scholarship
2013	Golden Key International Honour Society

PROGRAMMING COMPETITIONS

2017	CSS Programming Contest Lead Organizer and Developer	
2014-2017	CS Games Montreal	C++, Python, Django, C, Java, MySQL, Javascript
2016	Windsor Regional Highschool Contest Problem Author	
2015-2016	ACM Regional Programming Contest	C++
2013-2016	ACM Local Programming Contest, 1st Place	C++, Java