

Quinn Perfetto

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EDUCATION

UNIVERSITY OF WINDSOR | COMPUTER SCIENCE WITH SOFTWARE ENGINEERING

September 2013 – Present | Windsor, ON | Major Average - 94.43

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 • 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

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

PROGRAMMING COMPETITIONS

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| 2014-2016 | CS Games Montreal | C++, Python, Django, C, Java, MySQL |
| 2015 | ACM Regional Programming Contest | C++ |
| 2015 | Bloomberg Employee Hackathon | Python |
| 2014 | Microsoft Visual Studio Competition (3rd Place) | C++, Python |
| 2013-2015 | ACM Local Programming Contest | C++, Java |