

Quinn Perfetto

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EDUCATION

UNIVERSITY OF WINDSOR | HONOURS COMPUTER SCIENCE, MINOR IN MATHEMATICS

September 2013 – May 2017 | Windsor, ON | Major Average - 95.3 (4.0)

- Graduated with Great Distinction

EXPERIENCE

GOOGLE | SOFTWARE ENGINEER

June 2017 – Present | Mountain View, CA

- Work under the Google Product Infrastructure organisation developing the architecture behind People Ranking
- Design and develop services which handle billions of requests
- Write and review engineering design documents for large scale applications

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

TECHNICAL SKILLS

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

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

MOST RECENT SIDE PROJECT

PERSONAL NEWS AGGREGATION NEWS.QUINNFTW.COM

- Aggregates news articles from multiple sources into a single, easy to read location
- Hosted on Google Cloud Platform
- Utilizes an in-memory LRU cache to limit outgoing HTTP requests

AWARDS / SOCIETIES

2016-2017	President of the University of Windsor Computer Science Society
2013-2017	Dean's Honour Roll
2013-2017	Renewable Entry Scholarship
2017	CS Games Montreal Artificial Intelligence 1st Place
2015-2016	Vice President of Academics for the Computer Science Society
2016	Elizabeth Ellen Tilston Memorial Scholarship
2015-2016	ACM ECNA Regional Programming Contest
2013-2016	ACM Local Programming Contest, 1st Place
2015	Pernod Ricard/Hiram Walker & Sons Ltd. Scholarship
2013	Golden Key International Honour Society