

Peter H. Pfoertsch

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EDUCATION

Bachelor of Science
Honors Specialization in Computer Science

University of Western Ontario, Canada

8th Semester in Progress . . . Expected Graduation Date: December 2017

Advanced Courses in Computer Science Major

Artificial Intelligence 1 Artificial Intelligence 2 Intro to Data Science	Data Structures and Algorithms Software Design and Architecture Specification Testing and Quality	Organization of Languages Human Computer Interaction Visual Computing
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Computer Science Courses GPA: 3.8

General GPA: 3.3

TECHNICAL SKILLS

Programming Languages	Technologies/Environments
Java, C, C++, Python, Ruby, HTML, Javascript, CSS, x86 Assembly, Prolog, Haskell, Matlab	Windows, Linux, Raspberry Pi, MySQL, Visual Studio, Eclipse, IntelliJ, Git, Github

WORK EXPERIENCE

Internship - IBM Germany, R&D - Boeblingen, Germany, May 2016 - September 2016

- Designed and developed independently a Web-Frontend Tool with Python and Javascript that replaced an outdated system. The redesigned enabled analysis of error log files from the IBM z Systems Mainframe Firmware.

For detailed description of duties and reference, please see attached: IBMReference

Internship - Makerbot Europe - Stuttgart, Germany May 2015 - August 2015

- Designed new templates for web questionnaires to help marketing department for demographic data retrieval.
- Programmed a Raspberry Pi to operate 3D-Printed Robot that could be remote controlled from any web browsing device. This Robot was exhibited at Tech-Conventions.

For more detailed description of duties and reference please see attached: MakerbotReference

OTHER EXPERIENCE

Restaurant Staff - Real Urban BBQ - Highland Park, IL July 2014 - August 2014

- Served a large volume of customers, communicated and explained product choices to customers, and handled payment transactions.

University Club Executive - Role-Playing Club - London, Canada September 2013 - Present

- Joined as member, then took on responsibility of Treasurer and Communications Officer in a club with a membership of 150.

SPECIAL SKILLS AND INTERESTS

- Bilingual in English and German
- 2 Years of Junior High School Mandarin Chinese
- Japanese Martial Art: Kendo
- Jazz Club: Baritone Saxophone
- Basketball



US CITIZEN

US address during summer 2017:

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Unit 303

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