

Alexandre Stelzig

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Objective

Seeking a working opportunity where I can share and learn more about my passion for software as well as improve my programming and interpersonal skills.

Education

Bachelor of Software Engineering (fourth year)
University of Ottawa, Ottawa, Canada

September 2014 to present
(expected graduation: April 2019)

Experience

Specialist Verification and Test COOP

September 2017 to February 2018
(4 months internship)

Airbus Communications

- Assisted with the systems verification of the VESTA 911 application which is used by emergency call operators
- Created and fixed automated verification software test cases using Robot framework
- Expanded my knowledge of TCP/IP, VoIP and SIP as well as Computer Systems and IP Networking
- Designed and implemented a Python/C# error reporting module with a colleague which was used to report console errors during automation and development

Software Tester

January to April 2017
(4 months internship)

You.I TV

- Tested applications on iOS and Android mobile devices, Amazon Fire TV, Apple TV
- Judged whether an application meets the acceptance criteria of the user stories
- Worked with an agile/scrum-based development team (two weeks sprints)
- Became efficient with Git, command lines, Jenkins, Jira, C++
- Collaborated with coworkers for testing and bug resolution throughout the project's software development lifecycle
- Expanded my software and testing knowledge by working with multiple teams on different projects

Junior Programmer

May 2015 to July 2016
(7 months internship + part time)

Canada Revenue Agency

- Worked with an agile-oriented maintenance team on a large scale project
- Collaborated with other testers and developers to create test plans, write automated test cases, execute tests and track bug reports (JIRA)
- Performed minor bug fixes and development tasks

Skills

Computer skills:

- Java, C#, C++, C, Monogame, Javascript, SQL, Android, Python
- HTML, CSS, Bootstrap, ASP .NET, React JS, Node JS express
- Git, Command lines, Charles proxy, RFT scripting, JIRA, Eclipse, VS, xCode, Unity

Software Development (see more at AlexandreStelzig.github.io):

- *The Magical Farmer* - Unity3D video game with 1:30 to 2 hours of gameplay created in one month for the introduction to 3D video game class in Dongguk University, Seoul, South Korea
- *You Know Eh?* - A flash card Android application that helps memorizing foreign languages words (Android studio, Java, SQLite database)
- jello-aelj.github.io - University of Ottawa's Japanese club website (HTML/javascript/css)
- Wrote multiple rudimentary 2D game engine from scratch in Java and C# (player movement, collision detection, tile maps, basic animation, etc.)

Team leadership:

- Team leader for various school projects, such as the creation of an android application and website for school's projects
- Responsible for ensuring that all tasks are completed before the deadlines

Engineering:

- Problem solving, Quick Learning, Adaptable
- Inquisitive, analytical, and strong attention to detail
- Experienced using design patterns and efficient algorithms
- Documentation
- UX designs

Communication:

- Strong communication and collaboration abilities
- Fluent in both French and English, upper-beginner in Korean

Soft Skills:

- Work well both in a team and individually, Open-Minded, Enjoys new challenges, Organized, Motivated, Quick learner

Other**Volunteering**

- Welcomed and helped freshmen during the move-in week (September 2015 /2017)
- Participating at my school's "Buddy Program" where native Canadians are assigned to help international students to adjust to their new life in Canada (December 2014 - present)
- Executive/Treasurer of the Japanese Enthusiasts Language Learning Organization at uOttawa (February to December 2017) and member for 4+ years

Interests

- Programming, learning different cultures, reading, rock climbing, learning new languages, enjoying new challenges
- Interested in learning more about how to improve User Experience (UX) and create applications that can be useful for people

Misc

- Studied at Dongguk University in South Korea for one semester as an exchange student

References

References available on demand