

Yaxi Yu (Chloe)

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TECHNICAL SKILLS

- Programming Languages:** Java, Python, Node.js, SQL, C, C++, HTML, CSS, JavaScript
- Operation System:** Mac High Sierra, Windows 10, Windows 7, Linux Ubuntu
- Software Applications:** Sublime Text3, WordPress, Anaconda, Virtual Box, IntelliJ IDEA, Apache Tika, Bazel, Invision, Sketch, Eclipse Oxygen, QT creator, Latex, Visual Studio, MS Office
- Collaboration Tools:** Git, JIRA, Slack, Dropbox, Google Doc, Dingding, GitHub
- Other Abilities:** Quick learner, Open to new concepts, Self-motivated, able to work with little direction, Great Mathematical ability and problem-solving skills.

TECHNICAL WORK EXPERIENCE

Uvic Advancement Services, Data Analytics Programmer Coop Jan 2019 – Present

- Implemented and maintained **python** programs that are used for predictive analysis and data visualization.

Tap4fun, iOS backend Developer Coop July – Aug 2018

- Worked as a team and built a block-chain based mobile app for photography trade within 1 month using **Node.js**.
- Released a private beta and demoed the app within the company.

Uvic Advancement Services, Data Analytics Programmer Coop Jan – Apr 2018

- Implemented and maintained **python** programs that are used for predictive analysis and data visualization.
- Participated in the design and implementation of online visualization dashboards.
- Built automated file transfer tools to improve work efficiency.
- Created data preprocessing programs for machine learning.

IBM Chief Data Office, Software Developer Coop Sep – Dec 2017

- Worked in an agile development team to implement solutions using containers and microservices as a **java** developer.
- Provided text extraction and OCR services with Apache Tika for our cognitive platform.
- Established a pattern of pulling data from one RDBMS to another using Oozie workflow and Sqoop action.

EDUCATION

University of Victoria, Computer Science Sep 2014 – Present

- Bachelor of Science, 4th year
 - Specialising in Software Engineering
- Victoria, BC
Expected Graduation: 2019

PROJECTS

“Yezi” app

July 2018 – Aug 2018

- Designed and implemented an iOS app which targets on providing copyright protection for photographers using block chain technology with **node.js**.
- Won the award of popularity at the end of the competition.

BattleSnake Competition

Feb 2018 – Mar 2018

- Participated in BattleSnake 2018 and developed 4 different **python** path-finding algorithms for the ‘Snake’ programming game with one other team member.
- Entered semi-final for the beginner bracket on our first attempt.

Portfolio Site and Web Gallery

Jan 2018 – Mar 2018

- Designed and implemented my portfolio site using **html, CSS, and JQuery**, and documented tutorials, tools, resources, inspiration sites, and notes for building a portfolio site.
- Bought a domain name and built a web gallery using **WordPress**.

Flappy Bird

Feb 2018

- Built a flappy bird clone using **JavaScript**.

Reliable Datagram Protocol

Mar 2017 – Apr 2017

- Designed a reliable datagram protocol in **C** using socket API with UDP
- Achieved the transformation of an any-size file through a router.

Sudoku Puzzles Solving Project

Apr 2017

- Implemented a **python** command line program to solve 9X9 and 4X4 puzzles under Linux programming environment using miniSAT.

OTHER WORK EXPERIENCE

Ballet Victoria, Volunteer

May 2017 – Present

YoungYoung Restaurant, Part-time server, cashier

May 2016 – Aug 2017

INTERESTS

- Drawing, painting, hiking, snowboarding, cooking, traveling
- Music, movies, computer games
- Journal, photo editing, video editing

REFERENCE

Please contact for reference