

Ehsan Sotoodeh Mollashahi

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CAREER SUMMARY

- **Software Developer:** Master of Science in Computer Science (Human-Computer Interaction) and Bachelor of Science in Information Technology (Web-based programming), proficient in a wide range of front-end and back-end web frameworks.
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AREAS OF EXPERTISE

- Front-end development using React.js, Angular, jQuery ...
 - Back-end development using Node.js, Python, Flask, PHP, MySQL, Postgres, MongoDB, Docker ...
 - Android development using Java
 - User Experience design
 - Lean and Agile practices
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PROFESSIONAL EXPERIENCE

CopperTree Analytics, Vancouver, Canada

August 2019 – Now

Position: Full-Stack Developer

Responsibilities:

- Architecting and developing core components of the CopperTree Analytics suite of web applications
- Creating models to interact with **Postgres** and **MongoDB** database and developing **RESTful** services and APIs using **Python**, **Flask** and **NodeJS** to utilize those models
- Developing user interfaces using **HTML**, **CSS** and **JavaScript** and frameworks and libraries like **Sass**, **Angular**, **AngularJS**, and **jQuery**
- Developing security measures to safeguard information against accidental or unauthorized damage, modification or disclosure using **JWT** and **OAuth** technology
- Troubleshooting, debugging, and upgrading different micro services

Global Institute for Water Security, Saskatoon, Canada

March 2018 – May 2019

Position: Full-Stack Developer

Responsibilities:

- Developing interactive **dashboards**, **infographics**, and other data visualization products as part of front-end development process using **HTML**, **CSS**, **JavaScript** and libraries such as **jQuery**, **google map**, **leaflet**, etc.
- **Prototyping** and **wireframing** proposed solutions before implementation, and collaboration with other developers in the process to include all required functionalities
- Creating a **RESTful API** endpoint using **NodeJS** and **ExpressJs**, **Python**, **matplotlib** and **MySQL**

Position: Full-Stack Developer

As Full-Stack Web Developer and Android Developer, adding new features to their web-based ecommerce point-of-sale; and as an Android Developer implementing (from ideation to launch) their mobile e-commerce platform for business owners to sell their products online

Responsibilities:

- Developing Front-end and Back-end modules to enhance functionality of the web app using **jQuery** for front-end and **PHP** and **MySQL** for backend
- Architecting and Implementing APIs
- Developing **Android** application using **JAVA**

EDUCATION

Master's Degree: Computer Science / Human-Computer Interaction

University of Saskatchewan, Saskatoon, Canada (2017 –2019)

Awarded University Scholarship

Bachelor of Science: Information Technology / Web-based Programming,

University of Applied Science and Technology, Mashhad, Iran (2013 – 2015)

Distinguished Student with Total GPA (19.2 / 20)

Languages, frameworks, and software:

- JavaScript / Java / Python/ PHP / MySQL / Postgres / MongoDB / Html / CSS
- Node.js / React.js / Angular / Redux / Bootstrap / jQuery / Flask / Leaflet / Highcharts / matplotlib / Google Maps/ Material UI /plugins for WordPress
- Docker / Linux / Git / Adobe Photoshop / Postman

Publications and Poster Presentations

- Paper: Improving Revisitation in Long Documents with Two-Level Artificial-Landmark Scrollbars - AVI '2018: Proceedings of the International Conference on Advanced Visual Interfaces
- Paper: Recommender System based on Extracted Data from Different Social Media. A Study of Twitter and LinkedIn - The 9th IEEE Information Technology, Electronics and Mobile Communication-2018
- Poster: Two-Level Artificial Landmark Scrollbars to Improve Revisitation in Long Documents - AVI '18: Proceedings of the International Conference on Advanced Visual Interfaces

Workshops and Certifications:

- Senior Web Design Specialist (6-months program)
- Web-based Application Security (3-months program)

References:

Available upon request