

LOUIS PHAM

Software Developer

Contact Information & Profiles

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📍 Greater Toronto Area

Work Experience

Software Developer, Zensurance | 2020 - present | Toronto, Canada

- Design, initiate, and oversee team's migration from monolith to microservices architecture
- Spearhead development of new internal data-handling tool and migration of code-based data to database to improve productivity across technical and product teams
- Manage and assist team with services deployed on Kubernetes/EKS
- Host learning sessions and write documentation to share knowledge across teams
- Implement integration solutions for internal tools and third-party API services
- Monitor, debug, and resolve bugs/incidents to improve user and broker experience
- Evaluate and interview new candidates, and onboard new hires

Assistant Language Teacher, Link Interac Inc. | 2017 - 2019 | Yokohama, Japan

- Created and executed lesson plans to facilitate and cultivate an interest of international cultures and the English language

Researcher, Canadian Institute for Theoretical Astrophysics | 2016 - 2017 | Toronto, Canada

- Improved gravitational lensing simulation tool with custom inputs, Python wrappers, and analysis scripts
- Tested and debugged to ensure simulation outputs were in line with theoretical expectations

Student Developer, University of Toronto KPE Faculty | 2015 - 2016 | Toronto, Canada

- Built online Sports Hall of Fame's front end and API for Drupal back end
- Overhauled physicians' electronic health forms with new capabilities and responsive design
- Created schedule displays showing events/programs for campus' athletic facilities, improving patron experience
- Developed "wayfinder" displays to provide directions, weather, and ongoing events
- Created room search tools to assist faculty in setting up meetings

Software Developer Co-op, Canada Health Infoway | 2014 - 2015 | Toronto, Canada

- Created plugins for Confluence-based website
- Improved interface and capabilities of AngularJS search tool
- Revamped AngularJS documentation webpages

Technologies

Strong: TypeScript/JavaScript (ES6) • Node.js • MongoDB • Mongoose

Knowledgeable: NestJS • Express • Docker • Kubernetes • React/Redux • Python

Education

Software Engineering Immersive, General Assembly | 11/2019 - 02/2020

HBSc. in Computer Science and Astrophysics, University of Toronto | 2011 - 2017

Personal Interests

dance, snowboarding, video games, music, technology, astronomy