LOUIS PHAM

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Technical Skills

Strong:
HTML, CSS, JavaScript (vanilla JS, jQuery)

Knowledgeable:
Java, Python, PHP, React, MySQL

Education

2017 B.Sc. with Honours in Computer Science and Astrophysics, University of Toronto

Personal Interests

dance, piano, music, astronomy, video games, technology

Work Experience

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

- Part of development team for Sports Hall of Fame website
  ・Created REST API for Drupal back end
  ・Responsive design, lazy loading, filtering
- Created schedule displays for campus' athletic facilities
  ・Data caching, special event/emergency situation overlay
- Revamped faculty clinic's electronic health forms
  ・Responsive design, user-friendly, print-friendly, functionality enhancements
- Created room search tools to assist in setting up meetings
- Developed wayfinder display to provide patrons with directions
  ・Integrated info for ongoing events in rooms/gyms, weather display, data caching
- Development with HTML, PHP, CSS, and JavaScript (vanilla JS, jQuery)

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

- Part of development team for Confluence-based website InfoScribe
  ・Developed custom addons for versioning, search, PDF export, inline popovers, code examples, etc.
  ・Created space/page blueprints, user roles and permissions
- Updated interface and capabilities of search tool HL7 Explorer, mockup pages of example clinical requirements and specification
- Development with HTML, CSS, JavaScript (AngularJS), Java, templating languages (Velocity, Google Closure)

Relevant Experience

Researcher, CITA | 2016 - 2017 | Toronto, Canada

- Modified simulation tool LensPix with extra functionality, Python wrappers, additional analysis tools and methods, etc.
- Tested and debugged to ensure simulation outputs were in line with theoretical expectations

Side Projects

Weather Forecast: React app showing current weather and 2-day forecast
Calculator: Simple calculator developed with React and CSS grids