

## **Kevin Lavery**

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### **Education**

**Web and Mobile Application Development, Current, BCIT**

**Bachelors in Mechanical Engineering, Business Minor, August 2013, UVic**

### **Languages and Technologies**

- C, C#, Python, PHP, CSS, HTML, Javascript, JQuery, SQL
- Visual Studio, Microsoft SQL Server, VIM, Git, PhpStorm
- Ubuntu, Microsoft Windows, Mac OSX

### **Projects**

- Bike Vancouver Website
- Material Sorting System
- 3-Axis CNC Styrofoam Cutter

### **Experience**

**Learn to Code Website, University of Victoria (Victoria, BC) Sept to Dec 2014**

- Helped maintain website using basic frontend CSS and HTML, added embedded YouTube content.

**Science Camp Instructor, Science Venture (Victoria, BC) Sept 2012 to May 2013**

- Taught children programming and engineering through hands on activities such as Lego Mindstorms and Scratch programming.
- Organized groups of 15-20, keeping experience fun and interesting.

**Project Management Co-op, Fortis BC (Surrey, BC) June 2010 to August 2011**

- Managed investigation on infrastructure integrity.
- Co-ordinated with vendors, technicians, and project managers to ensure completion.
- Performed engineering analysis and calculations, including pipe stress analysis, repair sleeve design, and safety zoning.

**CAD Tech Co-op, Department of National Defence (Victoria, BC) Jan to May 2009**

- Prepared detailed AutoCAD drawings for longevity assessment and repair of buildings.
- Worked as a member of a team to develop navy base site maps.

**Civil Engineering Tech, Timberlake-Jones Engineering (Parksville, BC) May to Sept 2008**

- Prepared grade calculations and detailed AutoCAD drawings for subdivisions and storage unit facilities.
- Conducted field surveys and construction inspections.