Kevin Lee

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SKILLS

Development

React, JavaScript,
HTML5 CSS3, Java
Figma

Tools

AutoCAD, Revit, MATLAB,
Visual Lighting, PVSyst

EDUCATION

University of Waterloo   2015-2020

Candidate for BASc, Environmental Engineering

Awards:

• Recipient of WATPD-Engineering Entrance Scholarship

• Recipient of President's Scholarship

Relevant Courses:

• Computational Methods

• Introduction to Complex Systems

• Environmental Modelling

INTERESTS

Recording acoustic covers, hiking, basketball, fitness

PROJECTS

MyAlarm | Web Application

• Created an online alarm clock with sound functionality using Javascript, HTML, and CSS

Portfolio | Website

• Designed and developed an online portfolio using HTML, CSS, and Figma

Robofriends | React Web Application

• Developed a React web application using the Udemy's "The Complete Web Developer in 2020" course

• Incorporated JsonPlaceholder API to generate a list of robot users

WORK EXPERIENCE

Electrical Designer

Smith + Andersen

• Designed 3D electrical systems for clients using Revit

• Drafted interior lighting layouts for universities, hospitals, and office spaces using Visual Lighting

• Performed load calculations in order to properly size circuit breakers and cables

Electrical Engineer

Urban Green Energy

• Designed single-line diagrams for micro-grid solar energy storage systems and 2D solar panel layouts using AutoCAD

• Conducted simulations for solar PV systems PVsyst to calculate potential energy production and performance ratio