

# Kevin Lee

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kevinsk.com



github.com/klseung



kevin.skyulee@gmail.com



linkedin.com/in/kevinskyu

## SKILLS

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### Development

JavaScript, HTML5  
CSS3, React, Java  
Figma

### Engineering

AutoCAD, Revit, MATLAB  
Visual Lighting, PVSyst

## EDUCATION

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### 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

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Recording acoustic covers, hiking, basketball  
fitness

## PROJECTS

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### MyAlarm

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

### Portfolio

- Designed and developed an online portfolio from the ground up, using design tools such as Figma to visualize concepts
- Integrated Bootstrap to use the built-in grid system to layout and align the website's contents

### Robofriends

- Developed a robot user filtering application using the Udemy's "The Complete Web Developer in 2020" course
- Utilized React and incorporated JsonPlaceholder API to generate a list of robot users

## WORK EXPERIENCE

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### 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