

Computer Science senior at UW-Madison. Currently looking for a full-time position as an entry level developer.

## EDUCATION

### ○ B.S. in Computer Science - Major GPA 3.54 University of Wisconsin - Madison

09/2013 – 12/2017

Madison, WI

#### Relevant Coursework

- AI
- Algorithms
- Cryptography
- Databases
- Data Science
- Deep Neural Networks
- Networks
- Operating Systems
- Software Engineering

## WORK EXPERIENCE

### ○ Undergraduate Research Wisconsin Institute for Discovery

02/2016 – Present

Madison, WI

#### Description

- Provide an intuitive user-friendly layer of abstraction over Git's functionality.
- Implement the layer using Dugite, an MIT licensed JS binding for Git's CLI used by GitHub and Atom.
- Manage shared simulation models in Evolvix using the layer. Evolvix is a new model description language created by Professor Laurence Loewe.
- Acquire extensive knowledge about Git, SCM, and version control in order to analyze and test the requirements and functionalities of the layer.
- Present a poster about the design as of May 2016 at the undergrad symposium.

Reference: Laurence Loewe: laurence.loewe@wisc.edu –  
The poster: <https://goo.gl/VgblxO>

### ○ Summer Intern BeThere VR Viewer

06/2016 – 07/2016

Thuwal, Saudi Arabia

A startup company under the KAUST Innovation Fund

#### Tasks/Achievements

- Improved the overall design of the Virtual Reality set.
- Created and managed an Indiegogo funding campaign.

## SKILLS & COMPETENCES

Java Git C Version Control JavaScript

## PERSONAL PROJECTS

### Al-Jazeera Amazon Alexa Skill (07/2017)

- The skill serves a flash briefing of the RSS feed from Al-Jazeera news channel to an average of 100 daily users.

### Convolutional Neural Network (02/2017)

- Implemented a CNN in Java with one hidden layer to classify 6 objects.
- The CNN uses back prop, early stopping, and dropout.

### Data Improved City Exploration (DICE) (02/2017)

- At HackIllinois, using google maps API and data from Chicago city database, my team and I created a robust maps experience that focuses on user preferences.
- I worked on the front-end design and elevation gain calculations in the back-end.

### Eyconic (11/2016)

- At WildHacks, my team and I created an authentication method that tracks user's eye gaze pattern using the open source JS library WebGazer.
- I worked on the back-end training and mouse clicks tracking.
- We placed among the top 10 projects.

### KGSP Platform (06/2016 – 07/2016)

- A website that serves as a database for my scholarship peers to share their academic experiences with each other.
- The website is a RESTful API implemented using LoopBack and MongoDB.

## ACCOMPLISHMENTS

### KAUST Gifted Student Program (09/2012 – Present)

Selected with 80 other Saudi students as recipients of fully funded scholarship from King Abdullah University of Science and Technology (KAUST).

### UW-Madison Software Development Club - Tech Chair (01/2017 – Present)

Give talks once a semester about SCM and workflow management. Organize the resume workshops along with other logistics.

## VOLUNTEER EXPERIENCE

### ○ Data Collector Clean Lakes Alliances

06/2015 – 09/2015

Madison, WI

#### Tasks/Achievements

- Surveyed the community about their opinion regarding the lake's water quality.
- Data collected was used by the Alliance to obtain an endowment to clean the Madison area lakes.