

Lucas Kohorst

Web Developer and Programmer
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🎓 Education

Web and Mobile Computing B.S., Rochester Institute of Technology

Expected Graduation May 2022 | Rochester, NY

Focus in Web Applications and an immersion in Human Language Technology.

Maintaining a GPA of 3.93 along with making the dean's list every semester.

🏢 Employment History

Recreation Attendant at Rochester Institute of Technology

December 2018 – Present | Rochester, NY

Monitored access to the recreational facilities. Assisted in the operations management of the buildings. Managed the equipment cage and provided recreational support services

Heavy Equipment Operator at Attica Sand and Gravel

June 2016 – August 2019 | Attica, NY

Operated heavy machinery to move sand and stone for cleaning and processing.

Summers of 2018-2019 was the head operator of the gravel pit and managed electronic logging devices for truck drivers of the company.

📁 Projects

React Sentence Tree | Language Technology

September 2019 – November 2019

github.com/Lucas-Kohorst/react-sentence-tree

React component to create a constituency and dependency tree diagrams. Published as an NPM package. Using React, Stanford CoreNLP, react-d3-tree and Node.js.

Geo Trend Bot | Spatial Algorithms and Technology

September 2019 – November 2019

github.com/Lucas-Kohorst/GeoTrendBot

Visualize Twitter trends with a heatmap and tweet markers by tweeting [@geotrendbot](#) with a hashtag. Using React, react-leaflet, Twitter API and Express.js.

IPFS Wikipedia Search | Personal Project

September 2019 – November 2019

github.com/Lucas-Kohorst/ipfs-wiki-search

IPFS decentralized Wikipedia in 2017 after Turkey blocked wikipedia.org. This is a way to search Wikipedia articles that are hosted on IPFS. Built with React.

Objective

Looking to use my knowledge of web development, database management, and programming to obtain a co-op in the web development space.

Available Summer 2020.

Links

lucaskohorst.com

linkedin.com/in/lucaskohorst

github.com/Lucas-Kohorst

Skills

Java

Python

PHP

MySQL/NoSQL

HTML/CSS/JavaScript

Node.js

React.js

Flutter/Dart

Database Management

Google Cloud/Firebase/Storage

Photoshop/Illustrator

Courses

Computational Problem Solving in the Information Domain I, II, III

Web & Mobile I, II

Designing the User Experience

Database Connectivity and Access

Spatial Algorithms and Problem Solving

Activities and Events

RIT DataFest 2018

TEDx RIT (2018-Present)

Interests

Distributed Technologies

Decentralization

Cryptocurrency

IPFS

Data Analysis

Web Apps

Ticket to Ride | Java II

January 2019 – May 2019

tickettodavesheart.github.io/ticketToRide/

Ticket to Dave's Heart is a computerized version of the board game Ticket to Ride.

Managed the design and development of the project along with programming the client server application and other aspects of the game. Written in Java with RMI as the basis for the client server programming to play online. Swing was used to create the graphics for the game.

Java Juice | Web and Mobile II

January 2019 – May 2019

github.com/java-juiceweb2/java-juice

Managed the design and development for the Java tutorial website along with developing portions of it. Taught basics of Java with quizzes and interactive tutorials. Backend was written in PHP and data was stored in a MySQL database.

Stock Prediction | Personal Project

January 2018 – August 2018

github.com/Lucas-Kohorst/Python-Stock

Predicted stock prices from Yahoo stock screener using scikit-learn and sending the predictions via smtplib to a phone number. Developed an enhanced understanding of machine learning, finance and the stock market using Python.