

# Eric Nunez

SOFTWARE ENGINEER

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## Education

### Northeastern Illinois University

Chicago, Illinois

B.S. IN COMPUTER SCIENCE GPA: 3.8

Aug. 2017 - May. 2019

- Relevant Coursework: Algorithms, Data Structures, Database Management, Web Development, Software Engineering, Discrete Structures, Open Source Systems, Human Computer Interaction, Java programming, Computer Organization, Operating Systems.

## Skills

**Programming languages:** Java, Javascript, Kotlin, Python

**Tools / Frameworks:** React, Spring boot, Redux, REST apis, Node, Docker, Microservices, AWS, Jest HTML5, SASS, Git, jira

**Databases:** MySQL, PostgreSQL, MongoDB

## Experience

### Software Engineer

Chicago, Illinois

TATA CONSULTANCY SERVICES

May. 2019 - Dec. 2019

- Worked as part of an agile scrum team to develop and test a web-based application (Aon BondLink) that serves as a bond management system for internal users, external clients and carriers in Aon.
- Maintained systems by monitoring, identifying, and correcting software defects.
- Executed end to end, regression and smoke tests on the bond management application.

### Java programming tutor

Chicago, Illinois

NORTHEASTERN ILLINOIS UNIVERSITY

Jan. 2018 - May. 2019

- Lead weekly workshops with programming 1 and 2 students that focused on the fundamentals of programming and problem solving as well as object oriented programming principles.
- Conducted in-class exercises with students as part of Peer Leading Team Learning. PLTL is Funded by a grant from the National Science Foundation.

## Projects

### RoadTripper

Fall 2020

REACT, JAVASCRIPT, FIREBASE

- Created a web application that allows users to create lists of their most essential items for any kind adventure like camping or a road trip.
- The application allows for the public view of lists created and allows for users to create, edit and add pictures to their created list.

### Coronavirus case tracker

Summer 2020

REACT, JAVASCRIPT

- Built a coronavirus tracking application that tracks daily case statistics using the disease.sh open api.
- The application is built with react and implements a leaflet map that charts cumulative data for each country reporting cases.

### DetectionAI

Summer 2020

JAVA, OPENCV, JAVA FX 14

- Implemented the OpenCV library to build a facial detection GUI that works with live video.
- The application can track faces, eye features and smiles. It can track multiple faces at once and displays the amount of features detected.

### Calendar

Summer 2019

JAVA, JAVA FX

- Created a calendar application complete with a GUI that works for all Gregorian calendar dates and allows users to save appointments for any date. Built with Java and JavaFX.