

# Kevin Nguyen

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## EDUCATION

**UNIVERSITY OF TEXAS AT SAN ANTONIO**  
BS IN COMPUTER SCIENCE  
Expected Dec 2020 | San Antonio, TX

## COURSEWORK

### COMPUTER SCIENCE

Machine Learning  
Fundamental Programming Practices  
Object-Oriented Programming  
System of Programming  
Analysis of Algorithm  
Database Management System  
Data Structure  
Enterprise Architecture  
Web Application Programming

## SKILLS

### TECHNOLOGIES:

#### Programming:

Java • Python • C  
C++ • Assembly • Unit Testing

#### Machine Learning:

Numpy • TensorFlow • OpenCV

#### Web:

JavaScript • Django • Flask  
Node.js • React

#### Database:

MySQL • MongoDB  
Firebase • Php Admin

#### Miscellaneous:

LaTeX • PineScript

### DEVOPS:

Git • AWS • Gcloud  
Unix • Bash

### TOOLS

Eclipse • IntelliJ • UML  
Visual Studio • Android-Studio  
GIT • MySQL

### OTHER PROJECTS

- Hello Sarah! [/Hello Sarah](#)
- Rowdy-Cart [/Rowdy Cart](#)

### INTERESTS

- Soccer
- Options trading
- Travel

## EXPERIENCE

### UTSA | UNDERGRADUATE RESEARCH ASSISTANT

August 2020 - Present | UTSA, Cloud Computing Team  
Conduct a research on cloud graphic rendering for computer games.

### POLY. | SOFTWARE ENGINEER INTERN (LEAD DEVELOPER)

June 2019 – August 2019 | Austin, Texas

Migrate old technology to modern technology

- **Rebuilt** the language translation for internationalization and localization.
- **Optimized** a software for better performance and reduced time complexity.
- **Impacted** on important decision making about the implementation.

### GPM LIFE INSURANCE | SOFTWARE PROGRAMMER INTERN

Feb 2019 – June 2019 | San Antonio, Texas

Ensure the uninterrupted flow of business applications, collaborate on future projects and improve processes.

- **Assisted** the senior developer in maintaining and developing company's databases, web server.
- **Automation build** and delivery new internal tools helped speedup transferring data.
- **Designed** new features for internal project releases.

## PROJECTS

### LANE DETECTION | Undergraduate Research Assistant

August 2020 - Present | University of Texas at San Antonio

- **Designed** an automated intelligent client to mimic human interactions with a computer game.
- **Measured** and evaluated the performance of cloud graphics rendering systems.

**Used:** Python, TensorFlow, openCV, Model-Based Reinforcement Learning.

### TRADE SMARTER | Creator

[/Trade Smarter](#)

2019 | Austin, Texas

Developed frontend and backend for Trade Smarter. Implemented add/update route information. Handled design, coding, code review and performance optimization.

- **Spearheaded** the development of a trade smarter software.
- **Built** a platform helping retail traders to test out their option strategy and manage profit/loss.

**Used:** Python, React Js, TradingView Widgets.

### COVID-19 SPREAD | Creator

[/Covid19-Spread](#)

2019 | San Antonio, Texas

- **Decoupled** the backend from the frontend by building two distinct applications. communicating through a REST API.
- **Built** a platform helping people to monitor COVID cases from around the globe.

**Used:** Python (Flask), React Js, Johns Hopkins Rest API.

### PORTFOLIO | Creator

[/My Portfolio](#)

2019 | Austin, Texas

Responsive website built with React JS. The site content is passed in as JSON data, auto-generating components for easy maintenance.

**Used:** React Js, HTML5, CSS, SASS.