# Emmanuel Giah

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## Education

| **Bachelor of Science in Computer Science** | GPA: 3.4/4.0 |
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| *The University of Texas at Dallas* | Aug. 2019 – May. 2023 |

**Relevant Coursework:** Software Engineering, C++ Programming in a Unix Environment, Computer Science II, Data Structures & Algorithms Design & Analysis, Discrete Math for Computing I & II, Operating System Concepts, Programming Language Concepts, Probability & Statistics in Computer Science, Digital Logic & Computer Design, Computer Architecture
**Clubs:** UTD Chess Club / AIS (Artificial Intelligence Society) / CSG (Cybersecurity Student Group)

| **High School Diploma with Academic Distinction** | GPA: 4.7/5.0 |
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| *Denton High School* | Aug. 2015 – May. 2019 |

**Awards:** AP Scholar Award | *College Board*, State Team Java Programming Award | *UIL Computer Science*, State Website Design Team Award | *Business Professionals of America*, State Individual Java Programming Award | *Business Professionals of America*
**Clubs:** Business Professionals of America *(2016-2019)* / UIL Computer Science *(2017-2019)* / National Honor's Society *(2018-2020)*

## Projects

| **Scopa / Broomaid** – *Lead React Developer* | Aug. 2021 – Present |
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- Developed a platform that connects cleaning service providers to consumers
- Empowered a team of highly skilled developers
- Prototyped application using Figma and XCode Storyboard
- Utilized React.js & React Native for cross platform scalability

| **Perc Coffee / Relic Roasters** – *Lead IOS Developer* | Dec. 2020 – Jun. 2021 |
| --- | --- |

- Developed a mobile application that handles orders for a local coffee shop
- Applied PayPal and Square APIs to handle mobile and online payments
- Designed user interfaces with XCode, Swift, and Adobe XD
- Controlled the transition from dated technologies to modern methods of operation

| **Habit Tracker** – *Java Developer* | Aug. 2018 – Jan. 2019 |
| --- | --- |

- Developed a productivity application that helps clients build habits and effective routines
- Utilized Android Studio and Java to design a fully functional and deployable application
- Implemented trees and flowcharts to aid in navigation design

| **Self-Driving Car Simulation** – *JavaScript Developer* | Jan. 2017 – May. 2017 |
| --- | --- |

- Developed a simulation to demonstrate neural networks and how machines learn
- Utilized P5.js and Tensorflow.js to create a scalable web application
- Implemented recursion and arrays for self-referential code
- Provided thorough documentation and research explaining machine learning

## Work Experience

| **Technical Support Specialist** – *Liberty Tax* | Nov. 2021 – Present |
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- Configured desktops and peripherals
- Supported software and hardware installations
- Troubleshooted workgroup networks
- Analyzed customer problems and concerns

| **Sales Associate** – *Home Depot* | Apr. 2021 – Oct. 2021 |
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- Controlled merchandising and product pricing
- Sold kitchen and bathroom appliances to consumers
- Generated sales leads and pricing quotas
- Promoted safe work practices

## Skills & Hobbies

**Programming Languages:** Java, Python, C++, HTML, CSS, JavaScript, Swift
**Software/Frameworks:** Git/GitHub, p5.js, Bootstrap, React.js, React Native, Node.js, Android Studio, XCode
**Business:** Microsoft Office, Adobe Creative Suite, Google Analytics, CISCO Routers & Switches
**Hobbies:** Boxing, Photography, Hiking, Chess, Meditation