

# Aliah Shaira De Guzman

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## 🎓 Education

**The University of Texas at Dallas** (GPA: 3.62)

Graduation Date: May 2023

Bachelor of Science in Software Engineering

- Courses: Programming Fundamentals, Computer Science I (Object-Oriented Programming), Discrete Math
  - *Currently taking:* Computer Science II, Computer Architecture
- Scholarships: Full-Tuition Scholarship to UT Dallas

## 👛 Work Experience

**Fidelity Investments**

June 2020 – July 2020

Software Engineering Intern

- Developed Python scripts using Boto3 to add mandatory tags to AWS resources, improving tagging-compliant accounts by 21%.
- Developed and deployed AWS Lambda function to decrypt parameters and accelerate troubleshooting.
- Streamlined user documentation on cloud technologies to be used by 500+ Fidelity engineers. Used agile methodologies and Jira workflow.

## 🔧 Technical Projects

**Recipe Helper (Web Application in Progress)**

- Spearheading the development of an app enabling users to find recipes based off ingredients at home.
- Leading the front-end development team in utilizing React, Typescript, Material-UI, and a recipe API.
- Facilitating weekly meetings and designing app architecture.

**Blog Creation Platform (Web Application)**

- Independently developed a full stack website enabling users to create, update, delete, and search posts with React, JavaScript, Material-UI, and Firebase.
- Implemented Firebase authentication feature enabling users to create and follow profiles.

## 👥 Involvement

**Association of Computing Machinery (ACM)**

Jan. 2020 – July 2020

Development Officer | Mentorship Program Coordinator

- Established a strong dev community at UTD by launching initiatives supporting side projects.
- Revamped ACM UTD's mentorship program and organized bi-weekly events for 100+ students.

**Society of Women Engineers (SWE)**

Oct. 2019 – April 2020

Web Development Committee Member

- Developed informational website for SWE's WEHack hackathon, utilizing HTML, CSS, and JavaScript.
- Designed website layout and orchestrated weekly meetings.

## Rewriting the Code Fellow

## ⚙️ Skills

**Languages/Frameworks:** Java, C++, Python, React, JavaScript, Material-UI, Firebase

**Tools:** Git, GitHub, Visual Studio Code, Jira