ALEXANDER KITA

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EDUCATION

The University of Texas at Austin
GPA: 3.9
Bachelor of Science in Electrical and Computer Engineering
Expected graduation May 2024

EXPERIENCE

IBM – Austin, Texas **May 2023 - August 2023**
Software Developer Intern

- Used web automation frameworks such as Puppeteer, a web automation framework, to develop automated end-to-end tests for web UI (Developed over 200 test cases)
- Developed tests that allow for thorough testing and ensuring that the highest quality user experience is being delivered after any changes and revealed various bugs and inconsistencies within the UI
- Gained experience in agile workflow (Jira) and working on a rapidly changing project with many adjustments made during development

UT Austin – **Cockrell School of Engineering** – Austin, Texas **August 2022 - April 2023**
Tutor

- Tutored a variety of subjects for Engineering Student Services at UT Austin, including subjects such as calculus, organic chemistry, general chemistry, and physics
- Strengthened communication skills by explaining concepts in a simple, easy-to-understand way to students

INEOS Nitriles – Port Lavaca, Texas **June 2022 - August 2022**
Co-op Engineer

- Performed various tasks at the INEOS Nitriles Green Lake site, including completing MOCs (Management of Change) and programming on the DCS (distributed controls system).
- Gained experience working in a team, communicating tasks, and learning new methods while in the field

COURSE WORK/PROJECTS

Personal Projects

- Built a variety of projects outside of coursework in order to improve existing skills and learn new ones
- Utilized relevant industry technologies such as ReactJS, Flask, Git, and MongoDB
- Portfolio website: https://afkcoding.com

Elements of Software Design
Spring 2022, UT Austin

- Class focused on data structures and algorithms in Python
- Learned many programming concepts such as object oriented-programming, graph theory, runtime complexity, and good software design practices
- Python concepts allowed faster learning of Flask, a Python-based web framework

Software Design and Implementation II
Summer 2023, UT Austin

- Class focused on applying various programming concepts and methods in Java
- Learned about various methods and concepts such as Java interfaces, web sockets/internet protocols, and multithreading
- Introduced important algorithms and technologies such as map reduce and NoSQL database concepts (MongoDB)

ADDITIONAL

- **Honors**: UT Honors Student (2023), UT Distinguished Honors Student (2022)
- **Technical Skills:** ReactJS, Flask, ExpressJS, Puppeteer, NightwatchJS, JavaScript, Python, HTML, CSS, Java, Jira, Git