**Farhad Zaidi**

**Email:** [zaidi.farhad03@gmail.com](mailto:zaidi.farhad03@gmail.com) **LinkedIn:** <https://linkedin.com/in/farhadzaidi>

**Phone:** (732) 971-5944 **GitHub:** <https://github.com/farhadzaidi>

**Career Objective**

Expand my knowledge and technical skills in various fields of computer science by developing personal projects and obtaining experience in different professional environments.

**Education**

**Kean University,** B.S. Computational Science & Engineering 2024 (GPA: 3.87/4.00)

**Relevant Coursework:** Data Structures & Algorithms, Object Oriented Programming, Computer Architecture

**Technical Skills**

**Programming Languages:** JavaScript/NodeJS, Python, C/C++, SQL

**Frameworks & Databases:** React, Django, Jest, MongoDB, MySQL

**Tools:** Git, AWS, Jenkins, SonarQube, Postman, NGINX

**Work Experience**

**Software Engineer Intern,** Warner Bros. Discovery **June 2022 – August 2022**

* Developed API endpoints in NodeJS to perform CRUD operations on media supply chain database hosted on MongoDB Atlas
* Significantly reduced production costs by hosting endpoints on API gateway allowing for improved scalability
* Built continuous integration tests through Jenkins Pipeline to ensure over **95%** code coverage
* Collaborated with senior developer to integrate endpoints into critical services in production environment

**Geek Squad Consultation Agent,** Best Buy Co. Inc. **June 2021 - Present**

* Effectively communicated with customers on a daily basis to understand and provide solutions to technology issues
* Performed device installation and repair services with quick turnaround time resulting in **100%** client satisfaction month-month

**Projects**

**Programming Language Interpreter** **2022**

* Designed an interpreter in Python capable of processing arithmetic expression, variable assignment, and logical operations/comparisons
* Implemented tokenizer to convert user input into token objects for parsing
* Built parser to parse token objects according to language grammar rules and return operational nodes
* Developed interpreter class to process parsed nodes and perform respective operations
* Created sophisticated syntax and grammar rules with robust error-checking to ensure seamless functionality

**Python/Django Chat Web Application** **2021**

* Developed end-to-end chatting web application using Django framework
* Implemented frontend AJAX calls to allow for real time chatting without needing to refresh page
* Designed user authentication system to enable users to create accounts in order to save chats, add friends, and create a user profile
* Utilized MySQL database to store user and chat data
* Hosted web application online using NGINX