

# Hugh Scott

876.568.4318 | hughrscott2002@gmail.com |

Highly motivated software engineer with experience in agile development and a passion for learning & innovation.

## EDUCATION

### MANCHESTER HIGH SCHOOL

#### DIPLOMA

Jun 2019 | Manchester, JA

### UNIVERSITY OF TECHNOLOGY

#### BS IN COMPUTER SCIENCE

Est Nov 2024 | Kingston, JA

School of Computing and Information Technology

## WEBSITE & LINKS

TypeSnake: //

<https://apl-cit-4004-web-ui.vercel.app/>

Github://

<https://github.com/HughScott2002>

LinkedIn://

<linkedin.com/in/hugh-scott-3912421a5>

## COURSEWORK

### RELEVANT

Advanced Programming

Analysis of Algorithms

Computer Security

I.T Project Management

Design of Experiments

Software Engineering

(MySQL and MongoDB)

Database Design

Artificial Intelligence

Web Systems

Mobile Computing

## SKILLS

### TECHNICAL SKILLS

Very Skilled:

HTML • CSS • React.js • NEXT.js • PHP

• Python • MySQL

• Node.js • JavaScript/Typescript

Proficient:

• Laravel • Java • MongoDB • Redis •

LLMs

### SOFT SKILLS

Project Leadership • Problem Solving •

Critical thinking • Quick Adaptability

Willingness to learn • Excellent

Communication • Effective Teammate

## EXPERIENCE

### TYPESNAKE | CREATOR AND CONTRIBUTOR

Present | Remote

- Lead multidisciplinary team comprising top talent to execute a vision
- Designed the Syntax of the language
- Architected the grammar rules that govern the productions
- Analyzed the semantics of the language and enforced type checking
- Implemented a robust compiler that allows TypeSnake to extend python
- Ability to provide and receive feedback on code
- Enforced software development best practices such as testing and documentation

### UPWORK FREELANCER | FREELANCE SOFTWARE ENGINEER

Current | Remote

- Spearheaded the development of cutting-edge software solutions on Upwork, leveraging my expertise in software engineering.
- Engineered a large scale projects, including the creation of a customizable project management tool and other innovative tools
- Led a multidisciplinary team comprising top talent from renowned institutions such as MIT, Cornell, IC London, and UHelsinki, fostering collaboration and driving projects to successful completion.
- Familiarity with software development methodologies such as Agile or Scrum
- Architected Entire Full-Stack Projects

### KINTECH SOLUTIONS | FULL-STACK DEVELOPER

Aug 2022 - Present | Port St.Lucie, FL | Remote

- Programmed and reviewed code using multiple versions of Laravel and PHP
- Engineered novel solutions for the benefit of customer retention
- Managed user data with SQL
- Coordinated internal software versions with Git
- Created graphs to visual user data and trends
- Experience with RESTful A.P.I's and web services
- Enforced data encryption and protected routing addresses
- Implemented Stylized front-end pages with dynamic data and state

## AWARDS & AFFILIATIONS

2019 Vice President Computer Science Club

2020 I.C.T Dept High Achiever in Information Technology