

# Kenneth Diogo

Active TS/SCI Security Clearance w/ CI Poly  
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## EDUCATION

### Youngstown State University (YSU)

- Bachelor of Science, Computer Science, Graduated May 2020, Honors Scholar w/ Distinction
- Overall GPA: 3.72

## TECHNICAL SKILLS

### Backend

- Python (FastAPI, Django, SQLAlchemy ORM)
- Java (Spring)
- C# (ASP.NET MVC)
- SQL Databases (PostgreSQL)
- Unit + Integration Testing (pytest)

### Frontend

- HTML/CSS (TailwindCSS, Bootstrap)
- React.js (Javascript/Typescript, Hooks API, Next.js, React Query, Storybook)
- Vue.js (Javascript/Typescript, Composition API)
- Unit + E2E Testing (Jest, Cypress)

### Infrastructure/DevOps

- Containerization (Docker, Kubernetes, Helm Charts)
- CI/CD (Jenkins)

## WORK EXPERIENCE

### Software Engineer, Expedition Technology Inc.

June 2020 – Present

- Full-stack web development using Python to develop RESTful Web APIs and React.js to develop an interactive front-end
- Lead the design/implementation of a variety of features for a machine learning training data storefront used across the Intelligence community (IC). This includes collaboration with a variety of developers and data scientists across the Defense Industry to help better standardize machine learning practices and data formats
- Containerize numerous services into Docker images that are then deployed into a Kubernetes environment. Re-usable deployments across multiple environments (high-side/low-side) are created using helm charts
- Helped develop/integrate multi-stage Jenkins build pipelines (linting/formatting, tests, versioning, docker image build/upload)
- Write unit/integration/e2e tests to help ensure feature requirements are met

### Research Assistant, Youngstown State University

Sept. 2019 – May 2020

- Collaborated with Electrical Engineering department to develop an Android and web application to interface with a Bluetooth Low Energy device to collect pressure sensor readings.
- Front-end work with Vue.js. RESTful API development using Django and Node.js.
- Desktop application development using Electron and Vue.js

### Software Engineer Intern, J.P. Morgan Chase & Co.

June 2019 – August 2019

- Helped develop an accounting related web application from the ground-up as part of an initiative to upgrade an existing legacy application utilizing Java w/ Spring Framework, REST architecture, OracleDB, and React.js
- Collaborated with end-users to create custom and intuitive front-end experiences
- Led the development of a brand-new Chase career mobility website landing page
- Participated in the use of Agile methodologies

### Software Developer, Intellitech Corporation

March 2018 – April 2019

- Develop/maintain current and legacy public safety software built in VB6, C#.NET, VB.Net, and ASP.Net
- Full-Stack Web Development for a new, web-based JMS (Jail Management System) built with ASP.NET MVC and Vue.js
- Created a graphical interface for managing user group permissions in legacy VBA application that cut down permission management times in half
- Developed a C#.NET WPF application that allowed a user to easily format and create data interfaces/exports to satisfy the needs of several clients across the U.S.A

### Computer Science Tutor, YSU Center for Student Progress, Youngstown, OH

January 2017 – May 2020

- Teach Programming, Data Structures, and Object-Oriented Programming in C++, Java, JavaScript, and Python.