

OLIVIER DORVELUS

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<https://www.github.com/OllyDorvelus>

EDUCATION

INDIANA INSTITUTE OF TECHNOLOGY

Fort Wayne, IN

Bachelor of Science in Software Engineering

May 2019

- 3.8 GPA
- Peer Tutor and TA for Math and CS courses
- Courses - Database Design, Object Oriented Programming, Data Structures & Algorithms
- Member of Association for Computing Machinery & National Society of Black Engineers
- Entrepreneur Club

PROFESSIONAL EXPERIENCE

PETROLEUM TRADERS CORPORATION

Fort Wayne, IN

Software Developer Intern

May 2018 – July 2018

- Completed 15 software development projects involving server side code, database design, front end UI changes, and task automation over the duration of 10 weeks using SQL, ASP, JavaScript, HTML, CSS, VBScript to the company intranet
- Implemented ETL pipeline scripts for incoming oil index prices
- Implemented asynchronous warnings to employees on the frontend using HTML, JavaScript, and ASP to prevent employees from making business logic errors
- Refactored code throughout the code base with faster functions increasing performance speed of the system by 20%
- Developed hours of operation feature for Ship-To locations using knowledge of relational databases to make this feature flexible enough to implement in other areas (SQL Server)
- Wrote detailed documentation on new features and changes to existing features to prevent user errors

VISUMIC

Brooklyn, NY

Founder & Full Stack Developer

Aug 2017 – Jun 2018

- Video streaming website for upcoming music artist where users can upload and engage with different content
- Developed social features such as subscription, share, playlist, notifications, and likes using MVC pattern
- Implemented RESTful API with authentication and authorization
- Designed and implemented a responsive UI
- Wrote conversion script for incoming video file uploads as a background job process
- Technologies: Python, Django, JavaScript + JQuery + Ajax, Html, CSS, Bootstrap, AWS Storage, Heroku, Celery, RabbitMQ, ReactNative, PostgreSQL

DO IT BEST

Fort Wayne, IN

Consultant Software Developer

August 2017 – December 2017

- Participated in Scrum Agile development process with two week sprints, peer code reviews and individual ownership of tasks from kickoff to delivery
- Developed back-end by scanning product sku/upc and matching the scan with their products database using C# & Xamarin
- Documented, tested, and debugged for each sprint phase
- Used slack to communicate with other engineers, and product manager

INDIANA TECH IT DEPARTMENT

Data Analyst

Fort Wayne, IN

September 2016 – August 2017

- Created ETL pipelines that pulled data from Indiana Tech's database to integrate with blackboard using SQL Server
- Prepared and parsed student course records, attendance, and admissions data to generate data visualization to be used by faculty
- Participated in meetings to analyze on how Indiana Tech can improve student performance and retention rates

GOOGLE COMPUTER SCIENCE SUMMER INSTITUTE

Student

New York, NY

July 2015 – August 2015

- Learned backend development and frontend technologies from Google Engineers such as Python, HTML, CSS & Javascript/JQuery
- Collaborated with two other students to complete a website where users can search and create fitness related events in the New York region
- Developed event create feature and communicated with EventBrite API to get data

PERSONAL PROJECTS

Personal Website: <https://ollydorvelus.herokuapp.com> (for additional projects)

ULANCE

- Two-way ecommerce platform where users can create and order digital services
- Features included the ability to add to cart, search for services, order, and purchase services
- Test Driven Development including unit testing and mocking for critical features
- Robust RESTful API & reusable UI components
- Weekly meetings with client to ensure quality of his requirements for the project
- Technologies: Python, Django, VueJS, HTML5, CSS, Bootstrap, AWS Storage, SASS, PostgreSQL

PERSONAL BLOG

- Used MVC pattern to implement features of a standard blog including post, categories, and photos
- Used Heroku as the hosting platform and Amazon AWS S3 for storage of files
- Implemented emailing listing that sends out automated emails once new content on the blog is created.
- SASS, CSS bootstrap, HTML5 Javascript + JQuery to implement desired UI design
- Constant communication with client to ensure her needs and requirements were met
- Technologies: Ruby, Ruby on Rails, HTML5, Amazon AWS, Heroku, Javascript, CSS

POKEMON BACKPACK

- The ability to persist objects to a file and read them back in as Java objects
- Objects were persisted in JSON and the state of the game would be saved
- Read files and loaded Java objects to keep progress
- Test Driven Development & Error handling
- Technologies: Java, Maven, JUnit, Mockito, JSON

ROCK FIGHT

- Collaborated with classmates to create a game where rocks are thrown at stick figures.
- Points were determined by location of stick figure and rocks were thrown in first person view
- Programmed game logic such as point system, high score, game over, spawn rate
- Aided with UI features after animations were done
- Documented game features and divided responsibilities among each other with weekly meetings

- Technologies: Java, Greenfoot, User specs & requirements