

# DORIAN BIZGAN

## EDUCATION

University of Texas at Austin

Major: *Mathematics*

*Elements of Computing Certificate*

**December 2020**

## SKILLS

Programming Languages:

*Python*

*HTML, CSS*

*PostgreSQL, R*

## EXPERIENCE AND PROJECTS

**simpleart.biz** | October 2019

*Front-End Developer*

- Built a website for my dad's company to display work that they previously performed, which allows potential clients to determine if they want to employ him.
- Enables my dad to have a larger pool of clients to increase potential revenue by having an online presence and improved brand perception.

**Kershner Trading Group** | February 2019 - May 2019

*Software Development Engineer Intern*

- Helped with the development of tools used by traders in the firm, empowering them to make more effective trades.

**IBM Mock AI Project Design** | January 2019 - May 2019

*Technical Design Lead*

- Designed a mock AI product in order to learn the process that IBM AI Product Designers go through in order to develop useful and feasible AI products.

**American Robotics Academy** | August 2018 - December 2018

*Instructor*

- Led classes through exercises designed to teach children about engineering concepts through the building of LEGO robots.

**SpotiPy** | August 2018 - December 2018

*Front-End Developer*

- Designed front-end elements used to display detailed information about content contained in the Spotify database.

## CLASSES

### Elements of Software Engineering

- Created a dynamic website with a database backend using tools such Google Cloud, bootstrap, flask, and PostgreSQL.
- Strongly focused on using tools to improve the quality of software development, including automated builds with make, source control with git and GitLab, unit testing with unittest, code coverage with coverage, continuous integration with GitLab CI, and automated documentation with pydoc.

### Elements of Software Design

- Learned how to use object-oriented programming to match data structures and algorithms to problems, and test programs for functionality and performance.

### Elements of Web Programming

- Learning concepts, tools, and techniques in designing and building modern full-stack web applications, and their deployment to publicly accesible platforms.