

Anthony Bisgood

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Website- <https://anthonybisgood.github.io/portfolio/> | P - (520)-444-0142

EDUCATION

University of Arizona | Tucson, AZ

Aug 2019 - May 2023

Bachelor of Science in Computer Science; Minor in Business Administration

Relevant Coursework

- | | | |
|---------------------|----------------------------------|------------------------|
| • Algorithms | • Cloud Computing | • Machine Organization |
| • Computer Security | • Compilers and Systems Software | • Data Science |
| • Database Design | • Object-Oriented Programming | • Systems Programming |

PROJECTS

Compiler | May 2023 | Skills: Python, Compiler design

- Built a fully functional compiler in Python designed around an EBNF grammar that supports arithmetic, scope and type checking, unary and binary operations, as well as function calls and error messages.
- Users can write and run code on their own machines that follow the language's grammar.
- The compiler implements 4 parts, the scanner, parser, semantic analysis and code generation.

Airport Database Design & Implementation | November 2022 | Skills: Java, SQL, Oracle DBMS, Agile Development

- Built a database-driven information management system from ground up by implementing a two-tier client-server architecture on the Oracle DBMS.
- This project simulates an airport flight tracking management system including tables for flight, passenger, and staff information.

Zillow Housing | August 2022 | Skills: HTML, Python, NumPy

- Used HTML and Python to search through the html code of a city that the user would like and returns a list of houses/apartments in that area along with the price and home details.

TECHNICAL SKILLS

- Java, Python, C, C++, C#, JavaScript, TypeScript, Html, CSS, React, Docker, SQL, Rust, Git, Linux

EXPERIENCE

Korean American Student Association | *Board Member* | Tucson, AZ |

Aug 2020 – May 2023

- Collaborated with members to spread Korean culture, and Asian awareness.
- Raised over \$1,000 in funds to expand Asian representation on campus through fundraisers.

Bear Canyon Pizza | *Prep Chef* | Tucson, AZ |

Jun 2020 – Nov 2020

- Developed a system to reduce 20 pounds of food waste per week by improving transportation and rotation of goods.
- Ensured and maintained a high level of cleanliness by improving kitchen safety guidelines.

Tang Soo Do | *Instructor / Athlete* | Tucson, AZ |

Jun 2005 – Jan 2021

- Developed self-defense, integrity, and confidence in young adults and teens by leading tri-weekly classes focusing on traditional Korean Martial arts and culture.
- Expanded recognition and awareness for Korean culture through seminars and performances.
- Competitive Martial artist for the International Tang Soo Do Federation - Gold Medalist in men's sparring and weapons.

PERSONAL PROFILE

Interests: Martial Arts, Fitness, Nutrition, Hiking, Sustainability