

# BENJAMIN TURNER

8312 Wiloray Avenue, Shelby Township, MI 48317 |  
(586) 850-1944 | [bentur@umich.edu](mailto:bentur@umich.edu)

---

## EDUCATION

---

### University of Michigan, Ann Arbor, MI

Bachelor of Science Engineering in Computer Science, Expected Graduation April 2020

- **GPA:** 3.27/4.0
- **Relevant Coursework** - Data Structures & Algorithms, Introduction to Computer Science, Discrete Mathematics, Microeconomics, Macroeconomics
- **Honors & Awards:** Dean's List - Fall 2016
- **Clubs:** Michigan Freshman Business Club, Cru
- Organized a community service event with the FBC to serve dinner to children and their families at the Ronald McDonald house

---

## EXPERIENCE

---

### Humana, Louisville, KY - Data Analytics Intern: *May 2018 - Present*

- Worked on the EDA4 and EDA15 teams to help create a data marketplace
- Wrote code in C# and cshtml using .net framework to develop the UI and backend
- Used MSSQL in order to store user comments and ratings to develop a popularity score for the datasets
- Developed a data quality score using data metrics such as the percent nulls and delivery date to provide the user with an easy to understand score to convey the usefulness of the data

### Effyis Inc, Troy, MI - Junior Analyst Intern: *May 2017 - May 2018*

- Worked on projects for Socialgist and boardreader.com, entities of Effyis Inc.
- Used MySQL, MSSQL, and Hbase databases to store and manipulate parsed data
- Wrote web parsers in Node.js, JavaScript, and python for worldwide blog hosts that would look for new users and dedupe against a Hbase table, adding them to the table based on the dedupe
- Developed in Vortex HTML, an extended html language, to parse review sites and store keys for categories and products
- Gained experience working and communicating with managers while working remotely

---

## PROJECTS

---

- **Euchre:** Developed the card game euchre in C++ with the option for human or computer players. Used AI in order to allow for a user to play against the computer while also gaining experience with polymorphism
- **Word Classifier:** Created a word classifier that would classify posts on class discussion boards to specific labels based on the content of the message. Trained and tested the classifier in order to improve accuracy and reliability
- **Relational Database:** Wrote a program to emulate a basic relational database with an interface based on a subset of a standard query language called SillyQL. Used hash tables as the base for this project

---

## ADDITIONAL SKILLS

---

- Took classes at Macomb Community College and Michigan on the subjects of Python, Matlab, and C++
- Limited experience developing in Node.js as well as interacting with MySQL and Hbase