**Benjamin Crabtree**

East Village, New York, NY, 10003 | 516.660.7448 | bcrab55@gmail.com

# EDUCATION

## University of Michigan, School of Information Graduation 2019

Bachelor of Science in Information for data analytics, minor in computer science

**{**

Programming: [C++, Python], Data Management: [Pandas, Numpy, Spark],

Data Analysis: [Sklearn, Spacy, Gensim], Visualization: [Seaborn, Matplotlib],

Economics: [User Modeling, Micro/Macro, Entrepreneurship]

**}**

# EXPERIENCE

## Associate Software Engineer, Gartner, Inc.; Stamford, CT June 2019 – Present

* Co-created internal help-desk solution used by ~600 associates daily (NodeJS/Typescript, React);
* Led creation of live monitoring front-end utilizing modern React design patterns;
* Co-led creation of internal virtual assistant bot employing Microsoft Bot Framework (Typescript);
* Created front-end application that optimized analyst’s ability to process contracts, saving hours of manual labor per week;

## Data & Analytics Intern, Havas Media; New York, NY Summer 2018

* Created and managed a database with comprehensive interface (DynamoDB, Python);
* Developed POC data hub to be used by analysts and clients;
* Curated client-facing dashboards (Tableau, SQL);
* Automated several internal processes;

## Development Intern, Thyng, LLC; Chicago, IL Summer 2017

* Developed simple mobile iOS (Swift) and Android applications (Javascript, C#);

# PROJECTS

## Credit Card Fraud Classifier Spring 2019

* Created machine learning classifier using supervised logistic regression to accurately predict credit card fraud and maximize recall score given a dataset;
* Used under-sampling and feature selection techniques to improve model;

# LEADERSHIP

## Head Counselor, Camps Baco and Che-Na-Wah; Minerva, NY Summer 2014 – 2016

* Primarily responsible for complete social, personal and emotional well-being of campers as well as organizational group work with other co-counselors;
* Weekly took over sole responsibility of supervising and organizing 40 campers;

# SKILLS

**[** Javascript (Typescript), React (16.+), C++, Java (Spring), SQL, Angular, Photoshop, Excel, Tableau **]**