

Brett Davis

(412) 742 – 3295 | bdavis301@gatech.edu | Greater Pittsburgh Area

Linked In: www.linkedin.com/in/brett-davis-a49905a4

U.S. Citizen

EDUCATION

Georgia Institute of Technology

Atlanta, Georgia

Bachelor of Science in Computer Science & German Language Minor

Expected Graduation Date: May 2019

Concentrations: People & Intelligence | International Plan | Cumulative GPA: 3.5

Exchange Student & Halle Scholarship Recipient | Technical University of Berlin

March - August 2017

PROFESSIONAL SKILLS

Relevant Coursework: Artificial Intelligence, Cognitive Science, Information Visualization, Data Structures & Algorithms

Basic Knowledge: JavaScript, D3, Swift, Data Analysis

Intermediate Knowledge: HTML/CSS, SQL

Advanced Knowledge: Java, Python, User Experience Design

Languages: English (*Native*), German (*Fluent*), Spanish (*Basic*)

WORK EXPERIENCE

BOC Information Technologies

Berlin, Germany

Software Development Intern

September - December 2017

- Utilized Distributed Systems, Confluence, and Javascript to identify Business Process Management Solutions for Clients.
- Participated in weekly organizational meetings in German-speaking work environment.

Georgia Tech Research Institute: Blockchain for Healthcare Records

Atlanta, Georgia

Research Assistant

March - June 2018

- Worked in Team of 3 Computer Science Students to model a Patient Database & build an Electronic Healthcare Record App.
- Identified Advantages of Blockchain Technology in Patient Data Management, Research Paper under review.

Advanced Technology Development Center: Think-Quality Intelligence

Atlanta, Georgia

Product Development Intern

May 2018 - July 2018

- Implemented Frontend Functionality for Behavioral Health Management Platform.
- Developed MySQL Database to eliminate erroneous data and and visualize Patient Demographics.

PROJECTS AND RESEARCH

Georgia Tech Vertically Integrated Projects: Bee-Snap

- Description:* Created a virtual reality app in Unity for Georgia Tech's Vertically Integrated Projects. Built an educational web app using AngularJS along with a SQL database to retrieve data from Georgia Tech's beehives.
- Personal Contribution:* Implemented Dichotomous Key in Unity App to classify bees. Structured SQL database.

Icon-Based Asthma Action Plan

- Description:* Researching effectiveness of Icon-Based Asthma Action Plan App in comparison to Text-Based Action Plan.
- Personal Contribution:* Conducted User Experience Research; gathered feedback from caregivers on effectiveness of Icon-based Asthma Action Plan compared to Text-based Action Plan.

German Chat-Bot

- Description:* Web Application that incorporates Artificially Intelligent Agent to hold conversations with User in German.
- Technologies Used:* Angular-Javascript, Dialog Flow, Node Package Manager

LEADERSHIP EXPERIENCE

Outdoor Recreation at Georgia Tech

February 2015 - Present

- Wilderness First Aid Certified Sea Kayaking Instructor: taught weekly kayaking skills course & managed trip logistics.

Pride Alliance Outreach Chair

January - December 2016

- Organized volunteer events and fundraisers for local youth homeless shelter.