

Abbie Thomas

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OBJECTIVE

Seeking a full-time position where I can apply my passion for creative problem-solving. My diverse background of experience has trained me to absorb new information efficiently and adapt easily to different environments. I look forward to hearing back from you!

EDUCATION

The University of Georgia, Athens, GA

Expected December 2021

- B.S. in Computer Science, B.S in Psychology with Neuroscience Emphasis & Minor in German
- **GPA: 3.89**
- Relevant Coursework: Software Development, Data Structures, Database Management, Web Programming, Computer Networks, Data Mining, Computer Architecture, Discrete Mathematics, Intro Statistics, Computer Ethics, Human Computer Interaction
- Honors: Hope Scholarship, Dean's List, AP Scholar with Honors

SKILLS

Programming Languages: Java, C++, PHP, SQL, HTML, CSS, Python, MIPS assembly language

Operating Systems: macOS, Unix

Tools: GitHub, MSOffice, MySQL Workbench, Eclipse, Anaconda, Jupyter Notebooks, Spyder, Brackets, phpMyAdmin, QtSpim

PROJECTS

Mock Course Registration Website – December 2020

- Served as project team leader of 3 students
- Developed dynamic website using PHP, SQL, and CSS
- Project code: <https://github.com/Abbiethomas/athona>

Pulsar Classification ANN Research Paper – May 2021

- Programmed various classification machine learning algorithms
- Analyzed previous research on related topics to guide project

Discussion Board Redesign – December 2021 (In Progress)

- Redesign eLC's discussion board to include more helpful affordances and a less-complex UI

Election Statistics Database – December 2021 (In Progress)

- Build relational database to store voter registration and turnout by county, race, gender, and age group

EXPERIENCE

Expanded Food and Nutrition Education Program (EFNEP) *Data Entry Clerk*, Athens, GA

Oct 2018 – Present

- Interpreted and organized sensitive data related to participant nutrition and diet
- Streamlined company tasks through specialized project
- Designed and debugged Microsoft Excel Formulas for data processing

Chick-Fil-A, *Team Member*, Athens, GA

Oct 2017 – Oct 2018

- Managed team of 4 during high intensity business hours
- Processed over 1,000 orders during UGA Game Day hours as a team
- Trained new team members on various tasks as well as building customer relationships

Aeon Clinical Laboratories, *Lab Technician Intern*, Gainesville, GA

Aug 2016 - May 2017

- Project: DNA Collection Concentration from Cheek Swabs
 - Performed efficiency checks to determine DNA content in cheek swabs
 - Variables: cheek swab pressure, storage temperature, and storage time
 - Quantified DNA concentration of cheek swabs
 - Results sent to doctors in order to optimize cheek swab procedures
- Worked in the Pharmacogenomics department completing microarray analysis on patient samples
- Elucidating genomic effects on medicine efficacy in patients
- Performed lab duties such as plating samples, running lab equipment, and analyzing PCR results using QuantStudio software

Emtech Labs, *Lab Technician Intern*, Norcross, GA

Jan 2016 – May 2016

- Project: Product Testing and Accordance with Regulations
 - Performed physical and chemical tests on Emtech cleaning products
 - Recorded relevant information and submitted Materials Safety Data Sheets
- Developed laboratory skills running physical and chemical property tests on Emtech products
- Recorded vital data for the company

ADDITIONAL EXPERIENCE

Freiburg Study Abroad, *Student*, Freiburg, Baden-Württemberg, Germany

May 2019 – June 2019

- Studied the German Language at the Goethe-Institut in Freiburg
- Experienced sustainable urban design in Germany's "Green City"

Gwinnett School of Mathematics, Science, and Technology, *Student*, Lawrenceville, GA

August 2014 – May 2017

- Ranked First in Georgia High Schools and Thirty-Fifth in National Rankings in 2017