

Abhinav Garg

Available for Spring and Summer 2021 Internship Opportunities

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Education

University of Cincinnati, Cincinnati, OH

Expected Graduation: May 2022

Bachelor of Science in **Computer Science – University Honors Program**

GPA: 3.33 / 4.00

Relevant Courses: IBM Data Science Professional Certificate, Data Structures and Algorithms, Database Development and Design, Discrete Computational Structures, Artificial Intelligence: Principles and Applications

Awards: Top 5 Calculus Contestant, Global Scholarship, Outreach Scholarship, HackerRank Bronze Medal

Experience

Technology Intern, *SHP Leading Design*, Cincinnati, OH

Jan 2020 – May 2020

- Created a new plugin from scratch to drastically save time for employees without any prior experience
- Optimized the performance of multiple C# plugins to increase productivity of various company means
- Fixed bugs in C# Revit plugins and regularly issued software patches to continuously improve products

Web Master Intern, *Indian Golf Circuit*, Delhi, India

Aug 2019 – Dec 2019

- Refactored JavaScript codebase and added front end functionality to improve a product user interface
- Learned Adobe XD and Photoshop and reflected the experience through website content development

Advanced Engineering Intern, *Chamberlain Group*, Oakbrook, IL

Jan 2019 – May 2019

- Developed a RESTful web API and MQTT for a cloud-based project and performed end-to-end testing
- Created a functional Android application for a new project and utilized Amazon Web Services (AWS)
- Collaborated with a diverse team of designers and engineers to design and employ a novel project

Technical Skills

Languages: Python, JavaScript, MATLAB, R, CSS/Sass, Java, Kotlin, MongoDB, SQL, C++, C#

Other: Git, Sci-kit Learn, Linux, React, GraphQL, Pandas, Node.js, PostgreSQL, Express, Adobe XD, Photoshop

Side Projects

House Price Predictor – A data science project that takes raw data and makes a model to predict house prices

Lattice – A React.js application to match hackers at hackathons; Beta version was used by 200+ hackers

Data Science Concepts – A collection of notebooks containing important, fundamental Data Science concepts

Foodie – A RESTful full-stack web application with a focus on creating a restaurant sharing web platform

Face Detector – A Node.js machine learning application that detects faces and assigns a sentiment score

Public Playlist – A full-stack GraphQL application that showcases the popular songs stored in the database

Leadership & Involvement

Hackathon Organizer, *MakeUC*, Cincinnati, OH

Aug 2020 – Present

- Organized a 24-hour virtual hackathon with 1000+ registrants from 200+ schools across the world
- Contributed front-end elements to a React.js cross-platform application for intelligent hacker matching

Member, Content Contributor, *IEEE@UC*, Cincinnati, OH

Aug 2020 – Present

- Actively participating in the IEEE community at University of Cincinnati (largest technical club at UC)
- Organized and presented an introductory web development workshop to 20+ IEEE@UC members

Vice President, *UC Anime Club*, Cincinnati, OH

Aug 2018 – May 2019

- Coordinated events for University of Cincinnati students who were interested in Anime and Manga
- Collaborated with the President and the Treasurer of the club to set trajectory for future years