Ananya Nijhawan

in ananyanijhawan
📱 +1 (513) 658-8570
⌂ ananyanijhawan.github.io
✉ ananya.nijhawan@gmail.com
🏠 3 Anthian Close, Reading, UK | RG5 4XA

EDUCATION

University of Cincinnati, Cincinnati, OH — **Class of 2020**, GPA 3.6/4.0
Bachelor of Science Computer Science | University Honors Program
Minors in Psychology and Spanish | UC Global Scholar: full tuition waiver

Don Quijote Institute, Madrid, Spain — **Summer 2016**
DELE B1 Proficiency | Intensive Spanish course

Delhi Public School Vasant Kunj, New Delhi, India — **Class of 2015**, GPA 4.0/4.0
National AP Scholar | Scholar Badge Recipient

EXPERIENCE

Software Developer Co-op | RSW/US Cincinnati, OH — **Aug – Dec 2016**
- Developed an e-commerce website from scratch using Bootstrap 4, PHP and HTML5/CSS3
- Created algorithms to evaluate top leads based on weekly interactions with newsletter content
- Used JavaScript, Google Apps Script, and the SharpSpring API to automate report generation

Mentor | Google IgniteCS Bearcat Coders Cincinnati, OH — **Oct 2015 – Present**
- Mentor Hughes STEM High School students in the IT Track
- Guide design, implementation and debugging of coding projects

Research Assistant | University of Cincinnati — **Jan – May 2016**
- Simulated traffic flow at intersections using MATLAB
- Improved runtime by rewriting simulation model in Python
- Will present research at URSC Conference, Cincinnati in Spring 2017

Research Assistant | UC Membrane Technology Lab — **Nov 2015 – Mar 2016**
- Used MATLAB to model the flow of proteins through membranes
- Analyzed microfiltration data from polymer membranes
- Performed experiments 15 - 20 hours per week

AFFILIATIONS

Social and Recruitment Chair | Engineers Without Borders UC — **Aug 2015 – Present**
- Develop new website for EWB-UC using Bootstrap 4, PHP and HTML5/CSS3
- Lead recruitment efforts to bring in 100+ new chapter members
- Model well-site and pipeline in AutoCAD and analyze survey data from service trips
- Traveled to Nyambogo, Tanzania for clean water provision assessment trip as PMEL Leader

Ambassador | University Honors Program — **Feb 2016 – Present**
- Assist with and/or present at UC Admission events
- Share experiences and meeting with small groups of Gateway (HNRS1010) students

PROJECTS

CoopKoala | RevolutionUC Hackathon — **Apr 2016 – Present**
- Collaborated with three students to create a web application showing a day in the life of a co-op
- Awarded 'Best College Themed Hack' at RevolutionUC
- Used Bootstrap 3 and HTML5/CSS3 to implement timelines
- Designed UI elements and created content for website using Adobe Photoshop

SmartWalk | University of Cincinnati — **Aug 2016 – Present**
- Develop a web app using the Google Maps API to show the shortest route between two buildings on campus
- Work with a mapping team of 20 students to customize paths
- Use JavaScript, Bootstrap 4 and HTML5/CSS3 to create the UI and functionality

SKILLS

C/C++	JavaScript	Bootstrap 4	PHP	Google APIs
Python	MATLAB	HTML5/CSS3	MySQL	Git

LANGUAGES

Full professional proficiency in English and Hindi, professional working proficiency in Spanish