

AAIRA BAGGA

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EDUCATION

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Major: B.S. Computer Engineering

Minor: The Hoeft Technology and Management Program

Champaign, IL
Class of May 2022

West Windsor Plainsboro High School North

AP Scholar with Distinction, National Honor Society

Plainsboro, NJ
June 2018

PROFESSIONAL EXPERIENCE

Third Eye Gen. Inc

Software Engineer

Princeton, NJ
Jun-Aug 2019

- Developed an app store application and designed user interface for the world's smallest Mixed Reality smart glasses
- Enhanced ERP software module that improves/monitors employee performance and efficiency for a Fortune 500 client
- Implemented a location and count verification software solution to minimize quality errors and costs

Illinois Business Consulting

Senior Manager

Champaign, IL
Sep 2018 - Present

- Partnered with three different clients in the Supply Chain, FinTech, and AI/ML industries to build technology solutions by leveraging data, market trends, and industry research to optimize client performance and efficiency
- Led Project Managers and 21 team members in analyzing client challenges, effectively establishing project scope, while overseeing and developing weekly workstreams, deliverables, and presentations

Staples

Sales Associate

Princeton, NJ
Jun-Aug 2018

- Conducted market research and analyzed data on office equipment for providing constituents with the correct resources
- Followed incident management process for incoming calls and routed to appropriate service analysts for proper resolution

Cooper Union

Team Lead

New York, NY
Jul-Aug 2017

- Engaged in research on echolocation technology with Prof. G. Peris-Fajarnés and worked with CAD, Arduino, 3D-printing
- Filed provisional patent for an ultrasound ranging device for the visually impaired

Program in Algorithmic & Combinatorial Thinking (PACT)

Summer Attendee

Princeton, NJ
Jun-Aug
2016

- Attended lectures on advanced permutations-combinations and algorithms that form the basis of computer science
- Worked in teams to resolve theoretical and mathematical computer algorithms and presented solutions

LEADERSHIP & ACTIVITIES

Phi Gamma Nu Professional Business Fraternity

Professional Committee Member

Champaign, IL
Jan 2019 – Present

- Admitted as 1 of 20 students out of over 400 applicants through three rounds of a competitive interview process
- Participated in and planned multiple professional events hosted by the fraternity to enhance my professional development

Corporate Case Competitions | PwC & Boeing

Team Lead

Champaign, IL
Feb/Oct 2019

- Boeing: Developed a disruptive aircraft competitive to Boeing's 787 aircraft while weighing BOE methodologies
- PwC: Proposed an innovative strategy to enter a new market by partnering with Tech Giants to sell small home appliances

OTHER DISTINCTIONS

Technical Skills: Java, Kotlin, Python, Android OS, C, C++, CAD, MatLab, Microsoft Office

Awards: AP Scholar Award with Distinction, National Honor Society

Honors: 1st place in Regional Engineering Inspiration Award, 3rd place in FIRST Robotics World Championship

Interests: Health & Fitness, Travel, Soccer, Standup Comedy