

TANYA BIMAL KHANDELWAL

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OBJECTIVE

Seeking internships in Software Engineering for Summer 2020.

EMPLOYMENT

Software Engineering Intern for the Performance Measurement and Attribution Team at Charles River Development, A State Street Company - Boston HQ (Summer 2019)

Assessed the performance of different releases of the product, and developed a command line utility to store performance results to a database.

Technologies used: Perl, SQL

Student Commercial Developer at Information Technology at Purdue University (Summer and Fall 2018)

Working with the Commercialization department to develop and improve web and mobile applications used by several universities.

Technologies used: C#, .NET, React

Undergraduate Teaching Assistant for:

- **Computer Architecture (Fall 2018)**
- **Data Structures and Algorithms (Spring 2019)**
- **Systems Programming (Upcoming- Fall 2019)**

Worked with the professors to help assist students better understand the material, and help with their lab assignments.

EDUCATION

Purdue University, West Lafayette, IN (August 2017 to May 2021 (predicted))

Bachelor of Science in Computer Science (Honors)

Current GPA: 3.71

Minors: Management and Mathematics

Relevant Coursework: Data Structures and Algorithms, Software Engineering, Operating Systems, Web Application Development, Virtual Reality Technologies, Competitive Programming, Fundamentals of Computer Graphics, Systems Programming, Linear Algebra, Programming in C, Object-Oriented Programming in Java, Calculus, Microeconomics, Accounting

TECHNICAL SKILLS

- Java - Proficient
- C++ - Proficient
- C - Proficient
- CSS - Proficient
- HTML - Proficient
- Agile - Proficient
- React - Experienced
- Perl - Experienced
- C# - Experienced
- JavaScript - Experienced
- SQL - Experienced

PROJECTS

Show Of Hands (January 2019 to May 2019)

A crowdsourcing React-based web application which allows users to post questions and get opinions on those questions from a diverse group of users. I worked on the front-end development of this application.

Github Link: <https://bit.ly/2YliiMw>

Languages used: React, Node.js, JavaScript, CSS

Attendance (November 2018 to December 2018)

A web application used to take attendance online for a lecture. This application made use of a geo-location API to make sure the students were within the same classroom as the professor. I worked on the front-end of this application.

Github Link: <https://bit.ly/2OAZNWH>

Languages used: JavaScript, CSS, HTML

Purdue Table Tennis (September 2017)

A web application that took a picture of any table tennis court on Purdue campus and made use of a Microsoft API to determine whether it was free or in use. I worked on the front-end of this website, incorporating voice recognition, animations etc.

Github Link: <https://bit.ly/2KmSixe>

Languages used: JavaScript, CSS, HTML

AWARDS AND ACHIEVEMENTS

Dean's List and Semester Honors

Award for achieving outstanding GPA in Fall 2017, Spring 2018, Fall 2018 and Spring 2019.

ACTIVITIES

Boiler Gold Rush, Team Leader International (August 2018)

Most Spirited Team Leader

Led a group of 11 international freshmen through 10 days of Boiler Gold Rush, Purdue's orientation program, to smoothen their transition to the United States and to Purdue University.

Boilermake, Purdue University's Annual Hackathon: Executive Team (February 2018 to present)

Organize Purdue University's annual hackathon as a part of the Executive Board: UX Team.

Purdue Jazba: Member and Treasurer (August 2017 to December 2018)

Member and treasurer for Purdue's competitive Bollywood-Fusion dance team.