TANYA BIMAL KHANDELWAL



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

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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/2YIiiMw

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.