

AHMED ISHTIAQUE

✉ ahmedishti27@gmail.com 🌐 ishtiaque06.github.io ☎ 484-908-1822 in ahmedishti27 🌐 ishtiaque06

EDUCATION

Haverford College

Sept. 2016 - Current

B.S. Computer Science

GPA: 3.53/4.00

Expected Graduation: 2020

Relevant Coursework: Analysis of Algorithms, Mobile Development for Social Change, Principles of Computer Organization, Discrete Math, Linear Algebra, Speech Synthesis and Recognition

EMPLOYMENT

Dibs

June 2018 - Current

Co-founder and Software Engineer

An online platform that connects individuals in college communities to facilitate exchange and sharing of reusable items.

- Raised \$5000 in seed funding from Haverford College via the Haverford Innovations Program
- Implemented the core user interface and user experience components using JavaScript and CSS
- Implemented Continuous Integration with Travis CI and developed rigorous tests following test-driven development technique

Department of Computer Science, Haverford College

Sept. 2017 - Current

Teaching Assistant

- Guided students in Intro CS and Data Structures through understanding core programming concepts
- Held office hours to interact with over 30 students and assist them with debugging their assignments
- Graded students' lab assignments and provided feedback on correctness, code quality, and best practices

PROJECTS

Chatter

July 2018 - Current

An open source Chat application built on Django web framework

- Constructed the back-end using Django Channels and Redis
- Designed and built the group chat interface using CSS and JavaScript
- Built security measures against XSS and SQL injection
- Created a reusable package for developers to use on PyPI

Next Blue Bus

Dec. 2017 - Mar. 2018

A single-page web application that displays the next few college shuttle bus departure times from the current time.

- Designed and implemented the user interface to allow users to check bus times from specific bus stops
- Implemented the back-end using Flask web framework to communicate with the user interface
- Enabled live bus time updates in the app using JQuery and AJAX

Neighborhood Bike Works Android App

Oct. 2018 - Current

- Spearheaded the app development process by integrating with GitHub's Code Review framework and implementing Scrum
- Designed and implemented an intuitive user interface using Android Jetpack
- Created database integration with Google Firebase Realtime Database

SKILLS

PROGRAMMING LANGUAGES: Python (Fluent), JavaScript (Familiar), HTML (Intermediate), CSS (Intermediate), Java (Familiar)

TOOLS AND FRAMEWORKS: Django, Git, UI/UX Design, Scrum, Linux, Android (Familiar)

LANGUAGES: Bengali (Fluent), English (Fluent), Arabic (Conversational)