

Ahmed Ishtiaque

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EDUCATION

Haverford College

Expected: May 2020

B.S. in Computer Science

GPA: 3.49/4.00

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

EXPERIENCE

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
- Designed an algorithm for item exchange and inter-user communication logic on the back-end

Department of Computer Science, Haverford College

Sept. 2017 – Current

Teaching Assistant

- Guided students in Intro CS and Data Structures through debugging their assignments and understanding core programming concepts
- Graded students' 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
- Tailored the app to be used as a package by other Django developers looking to integrate real-time communication features in their projects

Next Blue Bus

Dec. 2017 – March 2018

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

- 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

SKILLS

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

TOOLS AND FRAMEWORKS: Django, Flask, Git, UI/UX Design, Scrum, Linux

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