

# AHMED ISHTIAQUE

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## EDUCATION

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### Haverford College

B.S. Computer Science

Expected graduation: May 2020

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

GPA: 3.49/4.00

## EMPLOYMENT

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### 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 between them.

- Raised \$5000 in seed funding from Haverford College via the Haverford Innovations Program
- Designed and implemented the core user interface and user experience components using CSS and JavaScript
- Implemented 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 for Introduction to Computer Science and Data Structures*

- Guided students in Intro CS through debugging their assignments and understanding core programming concepts
- Graded students' lab assignments and provided feedback on correctness, code quality, and best practices

## PROJECTS

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### 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 - 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 to communicate with the user interface
- Enabled live bus time updates in the app using JQuery and AJAX

## SKILLS

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

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