

Akhil Kemburu

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Education

Carnegie Mellon University

Pittsburgh, PA

B.S. IN BUSINESS ADMINISTRATION

Expected: May 2019

- Majoring in Business Administration, with a concentration in finance.
- Planned minor in Computer Science
- QPA: 3.6/4.0

Relevant Coursework

- 70-391: Finance, 15-214: Principles of Software Construction, 15-122: Principles of Imperative Computing, 21-127: Discrete Mathematics, 70-455: Modern Data Management

Experience

uPrefer Solutions

WEB DEVELOPER

Dec. 2016 - PRESENT

- In charge of building this company's website to present information about their product to potential clients.
- Using HTML, CSS3, Twitter Bootstrap, JQuery, and Python to build this website.

Bhangra in the Burgh

Pittsburgh, PA

CO-OPERATIONS AND LOGISTICS CHAIR

Mar. 2016 - Nov. 2016

- Planned the logistics for 4 judges and 200 dancers for Pittsburgh's premier non-profit bhangra competition.
- Directed fifty student volunteers to execute tasks such as ticketing, ushering, and selling souvenirs during and before the show.
- Managed the flow of the show to ensure that the show ran according to schedule.

Projects

Personal Sleep Tracker

15-112 TERM PROJECT

- Written in Python and used OpenCV to detect whether users were either sleepy or awake based on their facial expressions.
- Implemented the k-nearest neighbors algorithm and OpenCV binary thresholding.
- Tracked and monitored users' sleep data.

Photo Sharing Mobile Application

INDEPENDENT PROJECT

- Created an iOS application, based on Instagram, which allowed users to share and post pictures on a feed and their profiles.
- Implemented a Parse server by utilizing Heroku to launch a Mongo database to store profiles, pictures, and captions.

Honors & Awards

2016 **Dean's List**, Tepper School of Business Dean's List Candidate

Pittsburgh, PA

2016 **National Champion**, Danced for CMU Raasta and placed first among 120 teams competing at national raas-garba dance competition.

Houston, TX

2015 **Dean's List**, Tepper School of Business Dean's List Candidate

Pittsburgh, PA

Skills & Interests

Programming

INTERMEDIATE

- Python
- C
- HTML5, CSS3 and Twitter Bootstrap, JQuery
- Microsoft Excel and Office
- SQLite

ACTIVITIES AND INTERESTS

- Phi Delta Theta