

Education

- 2015-2019 **Carnegie Mellon University – B.S. Computer Science**
Saans Acapella • Women@SCS • CMU Ed-Tech • Dean's List
- 2013-2015 **Texas Academy of Math and Science**
President's List (all 4 semesters) • 71 hours of college credit • HS Diploma

Projects

- 2015 **Protyper (Individual)**
Created an educational tool with python and Tkinter to help students, including those who are visually impaired learn how to type. Utilized pickling and machine learning so each user can get an experience catering to a specific user's needs.
- 2015 **Picknic (Team)**
Utilized image recognition to assess and record nutritional value of foods. Employed Ionic Framework, MongoDB, AngularJS, and Clairifai-API

Experience

- 2015 **Center for Computational Epidemiology (UNT) – Research Intern**
Created an educational tool with python and Tkinter to help students who may be visually impaired learn how to type. Utilized pickling and machine learning so each user can get an experience catering to a specific user's needs.
- 2015 **Rex Programming - Curriculum Designer**
Created a 40-day hands-on curriculum to teach student's app development through MIT's App Inventor 2. Curriculum included clear and crisp instructions for instructor who may have no experience with App Inventor
- 2015 **ProjectCS Girls – Outreach Team**
Planned computer-science related events the area that target middle-school girls in the area in order to close the gender-gap in the tech industry. Organize weekly programming workshops in the local area
- 2014 **University of North Texas – Research Intern**
Co-Authoring 4 Publications in The Physics and Chemistry of Liquids: an International Journal. Determined and developed solubility coefficients for 14 organic compounds using SPSS. Siemens Regional Finalist (top 80 in USA)

Skills

Python • Java • JavaScript • HTML5 • CSS



/sumedham



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