

Swaathi Raghunandhan

swaathiraghu.com | 408-338-9291 | swaathi2@illinois.edu | GitHub: [swaathi2](#) | LinkedIn: [swaathir](#)

Education

Bachelor of Science | University of Illinois Urbana-Champaign | Expected Graduation: May 2021

- **Major:** Computer Science and Linguistics **Minor:** Economics
- **Related coursework:** IT for Networked Organizations, Discrete Structures, Data Structures

Software Skills & Abilities

- **Programming:** Java, C++, Python
- **Tools & Technologies:** software development cycle, end-to-end processing, basic Linux
- **Web development & other:** HTML5, CSS3, JavaScript, Angular.js, SQL, Bootstrap, Microsoft Excel, graphic design, photography

Extracurricular Activities & Projects

National Organization for Business and Engineering

- Developed and tested new products with a product management team using business-engineering tools
- Consulted with and advised an on-campus start-up accelerator to help organization improve outreach

Average GPA Calculator for UIUC students ([Github Code](#))

- Developed an organized input stream from website containing public data on student grades
- Created a responsive Java program to sort, search, and store grades and courses for UIUC students

Silver Lining Tumblr Blog

- Analyzed and synthesized user data to direct content creation for maximization of blog and website outreach
- Creatively developed online platforms and mobile media with high visual and functionality standards

Experience

Software Engineering Intern | 4F Systems | May 2018 – August 2018

- Designed and built investment UI dashboard for a money-lending fin tech startup that displayed customer analytics data including business and consumer account compositions, WA rate, and active risk
- Collaborated via bitbucket to implement sets of directives using Angular 4 based on product specifications
- Gained exposure working in a start-up environment through full immersion into product development

NATCAR Marketer | UC Davis ECE Department | June 2018 – august 2018

- Devised outreach projects and material to recruit teaching assistants and high school team members interested in STEM to participate in a university hosted robotics competition
- Created project portfolio containing fundraising proposals to design effective marketing presentation for potential sponsors

Coding Instructor | NRIVA Summer Stem Program | July 2018

- Created introduction to programming curriculum for high school students interested in STEM
- Instructed crash course in Python programming containing several real-life coding applications and structured exam

Teacher Assistant | Math Enrichment | 2017- 2018

- Engaged diverse students in mathematical concepts with English curriculum supplements to prepare for school year
- Oversaw the general business management through close collaboration with faculty and students