Swaathi Raghunandhan

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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

· Designing national website for club use with HTML and CSS
· Developed and tested new products with a product management team using CAD
· Consulted with an on-campus start-up accelerator to help organization improve outreach

Electrophysiology/Language Processing Lab Assistant

· Works as a lab assistant to design and implement experiments involving natural language processing and computational linguistics
· Writes scripts for efficient data analysis regarding underlying language processing and primary comprehension across populations

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

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 student