

Shakhar Dasgupta

SOFTWARE ENGINEERING MAJOR

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Education

State University of New York at Oswego

Oswego, NY

BS IN SOFTWARE ENGINEERING

Aug 2015 - Present

- GPA: 3.71
- President's List: Spring 2017
- Dean's List: Fall 2015, Spring 2016, Fall 2016
- Scholarships: Dean's Scholarship, Destination Oswego Scholarship

Relevant Coursework

- Principles of Programming, Abstract Data Types and Programming Methodology
- Foundations of Computer Science, Programming Languages, Software Engineering
- Data Structures and File Processing, Systems Programming
- Calculus I, Calculus II, Calculus III, Matrix Algebra, Introduction to Discrete Mathematics
- University Physics I, University Physics II

Skills

Programming Languages Java, C, C++, Python, HTML, CSS, JavaScript, PHP, SQL, Prolog, Haskell, LaTeX

Operating Systems Linux, Windows

Software Tools Git, JUnit

Work Experience

Residence Life and Housing

Oswego, NY

DESK ATTENDANT

Oct 2015 - May 2017

- Greet visitors and residents, answer phone calls and provide information
- Build and maintain positive relationship with the residents
- Sort mail, rent out equipments and secure the hall at night

Office of Research and Sponsored Programs

Oswego, NY

PEER MENTOR AT MATH SUCCESS CAMP

Aug 2016

- Helped the incoming freshmen to acquire skills in Mathematics
- Co-ordinated with other Peer Mentors to organize social events

Achievements

- Won an award from the Sigma-Xi and the ORSP for research on using Electroencephalogram (EEG) signals to control car
- Won the Best Developer Tool award at RIT BrickHack 2016 Hackathon for developing software to control basic git operations using EEG signals
- Won an award from the Sigma-XI and the ORSP for developing software to aid blind people by converting images to voice using IBM Watson API
- Built an Android game for Software Engineering course which allows users to compete against each other by catching astronomical transients
- Participated in ACM International Collegiate Programming Contest 2015 and 2016 representing teams of SUNY Oswego

Memberships

- Student Member of the Association for Computing Machinery (ACM)
- Student Member of the Institute of Electrical and Electronic Engineers (IEEE)