

Shakhar Dasgupta

SOFTWARE ENGINEERING MAJOR

310 Scales Hall, 34 Rudolph Road, Oswego, NY 13126

☎ (315) 677-1450 | ✉ shakhardasgupta@gmail.com | 🏠 www.shakhar.com | 📷 sha224 | 🌐 shakhar | 📺 shakhar-dasgupta

Education

State University of New York at Oswego

BS IN SOFTWARE ENGINEERING

Oswego, NY

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, Software Quality, System Simulation and Modeling
- 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 (Node.js/Express.js, Angular.js), PHP, SQL, Prolog, Haskell, LaTeX

Software Tools Git, JUnit

Work Experience

Residence Life and Housing

RESIDENT ASSISTANT

Oswego, NY

Aug 2017 - Present

- Build a friendly community for residents and collaborate with other RAs to develop in-hall programs
- Enforce college policies and state laws on campus
- Assist the department in hiring new Resident Assistants

Residence Life and Housing

DESK ATTENDENT

Oswego, NY

Oct 2015 - May 2017

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

Achievements

- 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 research on using Electroencephalogram (EEG) signals to control car
- Won the first runner-up position at Launch It Student Business Competition
- 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, 2016 and 2017 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)