

RAJEEV VADHAVKAR

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EDUCATION

University of Michigan

B.S.E., Computer Science

GPA: 3.82/4.00

Ann Arbor, MI

September 2011–Present

Course Highlights

- EECS 381, Object-Oriented and Advanced Programming
 - One of the most challenging courses offered by the department
 - Prepares students to contribute to large software projects
- EECS 281, Data Structures and Algorithms
 - Develop algorithms to solve NP-hard problems
- EECS 370, Introduction to Computer Organization
 - Create a virtual machine to simulate a pipelined RISC processor

WORK EXPERIENCE

College of Engineering Instructional Aide

EECS 281, Data Structures and Algorithms

Ann Arbor, MI

January 2013–Present

- Lead a weekly discussion section to teach additional course material
- Provide 1:1 interaction for students who need help
- Prepare homework and write instructor solutions

STUDENT ACTIVITIES AND HONORS

Michigan Autonomous Aerial Vehicle

- Design and build a fully autonomous quadrotor to compete in the International Aerial Robotics Competition
- Programmer on team to improve the current obstacle detection algorithm

CSE Scholars Member

- Help clean up and expand urban gardens in Brightmoor, Detroit
- Actively participate in forums held by companies such as Microsoft and Intel

College of Engineering Dean's List Recipient

Tau Beta Pi Engineering Honor Society

Eta Kappa Nu EECS Honor Society

OTHER EXPERIENCES AND SKILLS

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- Computer skills: C/C++, Java, Python, Matlab, Bash, Vim
 - Intermediate German proficiency