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## Daniel Cheng

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### College Education

The University of Texas at Austin

Bachelor of Science in Computer Science (2012 – 2015)

Turing Scholars Honors Degree

GPA: 3.800

#### Coursework

Logic, Sets, and Functions: Honors

Data Structures: Honors

Computer Architecture: Honors

Freshman Research Initiative:

Autonomous Intelligent Robots

Matrices and Matrix Calculations

Probability I

Operating Systems: Honors

Programming Languages: Honors

Programming for Performance

Algorithms and Complexity: Honors

Artificial Intelligence: Honors

Computer Networks

### Technical Skills

Programming experience in C, C++, Java, C#, x86 Assembly, HTML, SQL

Familiar with Windows and Linux

Experience with Windows Azure, TACC HPC systems, ROS, OpenCV

### Internships

Software Developer Intern at BTerrell Group LLP/CodePartners LLC (Summer 2013)

- Develop software that uses Intacct API to manage vendor records
- Use Windows Azure to create a cloud-based virtual machine for development and testing
- Animation and sound work for logo animation

### Work Experience

UT – Division of Housing and Food

Student Technician (2012 – present)

- Provide front-line tech support to administrative users in offices, residence halls, kitchens, facilities shops, and University apartments
- Install and maintain computer hardware, software, printers, and other peripheral devices in a 200+ workstation business computing environment

### Independent Study And Mentorship

Mentorship under Dr. Richard M. Golden, UT Dallas (Spring 2012)

- Build an autonomous RC car that uses computer vision and neural networks to follow a track
- Use Matlab and TI MSP430 MCU to steer and control a car

### Interests

Physical and digital security, low-level and OS development

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