

Chris Brown

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Education

2013-Present **Bachelor of Science in Computer Science**, *Rice University*, Houston.
Diploma expected May 2017

Relevant Coursework

Completed Intro to Interactive Programming in Python • Intro to Engineering Design • Algorithmic Thinking • Fundamentals of Computer Engineering • Intro to Program Design • Intro to Computer Systems • Fundamentals of Parallel Programming • Advanced Object-Oriented Programming • Functional Programming • Reasoning About Algorithms • Intro to Database Systems • Principles of Programming Languages • Operating Systems and Concurrent Programming • Probability and Statistics

In Progress Artificial Intelligence • Data Mining and Statistical Learning

Skills

Languages JAVA, PYTHON, C, SCALA, RUBY ON RAILS

Experience

Employment

Summer 2016 **Software Engineering Intern**, ADVISORY BOARD COMPANY, Austin, Texas.

Worked on background job processing for HealthPost

- Delivered extensive documentation of background job implementation
- Created multiple proof of concepts implementing different frameworks
- Worked to create standardized benchmarks to compare the frameworks

Summer 2015 **Python Programmer/Intern**, NASA GLENN RESEARCH CENTER, Cleveland, Ohio.

Developed and refined a script to automate the execution of icing simulation software.

- Cross-platform script Python script tested in Windows and Linux
- Additional scripting in Tcl to operate mesh generation software

2015-Present **Student Computer Consultant**, IT HELP DESK, Rice University, Houston.

Diagnose and repair student and faculty personal computers.

- Perform virus scans and data backup
- Manage operating system installs, reinstalls, and repairs

Activities

2014-Present **Avionics Programmer**, RICE ECLIPSE, Rice University, Houston.

Program flight-computer to monitor and control rocket prototypes.

- Working in C on embedded microcontrollers
- Real-time monitoring and redundant logging

2014-Present **Technical Director**, DUNCAN COLLEGE, Rice University, Houston.

Manage the residential college's audiovisual needs and equipment.

- Manage a team to perform duties including setup, inventory, and rental
- Plan, deploy, and operate lights and audio for major events

Spring 2014 **Engineering Design Team Member**, OEDK, Rice University, Houston.

Worked in a multidisciplinary team tasked with designing and implementing an interactive feeding system for the Malayan tigers at the Houston Zoo.

- Developed effective team communication and organization skills
- Worked with electrical components to design a motor control circuit