

# Jake Peacock

Problem Solver, Software Developer, Designer, Engineer  
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## EDUCATION

### **Rice University, Houston, TX — B.S. Computer Science**

AUGUST 2014 - MAY 2018  
GPA: 3.7/4.0

### **St. John's School, Houston, TX**

AUGUST 2010 - MAY 2014  
GPA: 94/100

## WORK EXPERIENCE

### **Advisory Board Company: Crimson, Austin, TX — Software Developer**

JUNE 2015 - AUGUST 2015

- Worked on Data Integration team for Crimson Care Management application
- Implemented validation processes for the CCM rule engine
- Scaled application engine to facilitate rule creation for integration engineering team
- Developed effective technical presentation and communication skills
- Engaged with software architecture design and application tools

### **Breakthrough Houston, Houston, TX — Teaching Fellow**

JUNE 2013 - AUGUST 2014

- Instructed Chemistry and Computer Science to 15 students
- Addressed faculty issues and program structure as an Admin Committee Member
- Led professional development workshops on teaching styles to assist student teachers
- Developed formal presentations skills and
- Collaborated within a large team context

## LEADERSHIP EXPERIENCE

### **Rice Computer Science Club — External Vice President**

JULY 2015 - PRESENT

- Communicated with 25+ companies interested in sponsoring Hack Rice
- Coordinated social events with other undergraduate universities in Texas
- Organized and executed a Computer Science Design Showcase in Spring 2016

### **Design For America — Project Team Lead**

SEPTEMBER 2014 - PRESENT

- Attended National Leadership Studio '15
- Investigated design process of Rice chapter and established initiatives for improvement
- Guided a 5 person team through the DFA human-centered design process
- Designed and implemented solutions to local and social issues in Houston and Rice

### **Shell EcoMarathon St. John's School Team — Assistant Team Lead**

SEPTEMBER 2011 - MAY 2014

- Led team that built prototype electric cars to compete in the Shell Eco-Marathon
- Managed \$12,000 budget and organized logistics for 2013 and 2014 team purchases
- Refined leadership and communication skills through directing a 40 person team

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## PROGRAMMING SKILLS

### **Proficient in:**

Java, Groovy, Python,  
MATLAB, Mathematica

### **Experienced in:**

C++, Objective C, Swift,  
Lua, HTML

### **Skills:**

- Object-Oriented  
Programming
- Version Control
- Unix Commands

## COURSEWORK

### **COMP**

- Computational Thinking
- Intro to Engineering  
Computation
- Algorithmic Thinking
- Intro to Functional  
Programming
- Advanced Object  
Oriented Programming

### **MATH**

- Honors Calculus III
- Honors Linear Algebra

## ACTIVITIES

### **Teaching Assistant Computer Science**

- Lead weekly sessions to  
guide students through CS  
academic projects

### **Academic Fellow**

- Respond to student  
questions regarding  
computer science and  
programming courses

### **RiceApps**

- Develop a new Rice  
University application (Rice  
Mobile) on iOS using Swift