

EDUCATION:

08/15 - Present PhD Student in Computer Science, 3.86 GPA - University of Houston - Houston, TX

12/12 Master of Science in Computer Science - University of Houston - Houston, TX

09/12 Master of Science in Image et Vision - Telecom Physique Strasbourg - Université de Strasbourg - Strasbourg, France

12/09 Bachelor of Science in Computer Science - University of Houston – Houston, TX

8/98 Bachelor of Science in Mechanical Engineering and B.S. in Petroleum Engineering - Texas A&M University - College Station, TX

EXPERIENCE:

8/15 – Present – Graduate Teaching Assistant - University of Houston Computer Science, Houston, TX

- Assist in the instruction, project mentoring, and grading for 60+ students
- Support teams in game development, game art and animation

6/15 – 8/15 – Intern - Fannin Innovation Studios, Houston, TX

- Intern on a medical robotics entrepreneurship project
- Design and manufacture of testing system to characterize the control system
- Support of the analysis of a medical robot able to operate within an MRI scanner

9/09 – 12/12 – Graduate Teaching Assistant - University of Houston Computer Science, Houston, TX

- Management and instruction of a computer science lab for 30+ students

5/09 – 8/09 – Intern - ExxonMobil - Upstream Technology Company, Houston, TX

- Developed a plug-in C# for petro-physics framework
- Enabled the computation of organic content in source rocks based on research completed at Exxon Upstream Research

9/08 – 4/09 – Contractor Chevron Energy Technology Company, Houston, TX

- Support of geo-modeling software development
- Code quality assurance including communicating with developers

5/08 – 8/08 – Intern Chevron Energy Technology Company – Technical Computing, Houston, TX

- Responsible for rollout of Klocwork static code-analysis tool
- Interaction and communication with Chevron software development community
- Analysis of legacy code base

SKILLS/LANGUAGES: C/C++/C#, Python, openGL, openMPI, openMP, Matlab

AWARDS AND PROFESSIONAL DEVELOPMENT:

- Eagle Scout
- Vice-President CougarCS 2016
- Dean's List 6 for semesters
- Departmental Scholarship - Computer Science
- NSM Ambassador – Computer Science
- First University of Houston participant in the Atlantis Student Exchange Program
- Completed an international dual Masters degree under the Computing, Robotic and Imaging for Surgery Platform (CRISP) exchange program between the United States and the European Union