EVAN YI-YU LIU

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17947 Calm Brook Ct.
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Objective   Seeking a summer internship as a Software Engineer. Interested in gaining experience in industry.

Education

Bachelor of Arts, Computer Science
The University of Texas at Austin   Classification: Senior
Cumulative GPA: 3.6

Integrated Master's, Computer Science
The University of Texas at Austin
Cumulative GPA: N/A

Related Courses

Foundations of Computer Science, Intro to Statistical and Scientific Computation, Logics, Sets, and Functions, Algorithms and Data Structures, Computer Organization and Architecture, Analysis of Programs, Matrices and Matrix Calculations, Integral Calculus, Multivariable Calculus, Programming Languages, Theory in Programming Practices, Probability I, Algorithms and Complexity, Intro to Computer Security, Data Management, Principles of Computer Systems, Introduction to Number Theory, Principles of Computer Systems, Perl

Current Courses

Randomized Algorithms, Mobile Computing, Feature-Oriented Programming, Software Engineering

Skills   Programming Languages: C, Java, HTML and CSS, ASP.NET, familiar with SQL, MATLAB
Other software: proficient with Microsoft Word, Microsoft Powerpoint, Microsoft Excel,
         Blender (self-taught)
Operating Systems: proficient with Windows, familiar with Ubuntu and Mac OS
Certifications: CCENT, CCNA – LAN and WAN configuration. Configuring RIP, EIGRP, and OSPF routing protocols. Implementing DHCP, VTP, STP, NAT and PAT.

Affiliations

2010 – 2011   **Robotics and Automation Society**
Competed in the RAS Robotathon – designed, created, and coded the behavior of a robot with three team members. The robot was required to follow a curved line and retrieve cans in a number of different environments.

Work Experience

2013   **Software Development Intern at Telogis**
Developed a web application using ASP.NET for the QA team. The tool queried a backup database and displayed the data in readable form.

2012   **ITS Student Associate**
Proctor FAC computer labs by managing the lab and assisting users who have software issues.

Awards   University Honors

Projects   RSA Encryption – Implemented RSA encryption/decryption and RSA key generator.

String Matching – Implemented Rabin-Karp, Knuth-Morris-Pratt, and Boyer-Moore string matching algorithms.
Autonomous Vehicles – Improved implementation of environment simulator for the vehicle and started implementation of 3D simulator.