Daniel Garcia

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Objective

To obtain a challenging internship experience in the field of Computer Science for the summer of 2017.

Education

The University of Texas at Dallas, Freshman; BS in Computer Science expected 2020

Skills

Languages: C/C++, Java, JavaScript, UNIX shell scripting
Web: HTML/CSS/JavaScript with Angular.js; working with REST APIs and JSON
Embedded: Arduino programming, working with serial connections

Work Experience

IT department:
-Assistant in high school for 2 years
Summer 2016 Internship
-Distributed Systems Laboratory under Dr. Venkatesan
-Lead front-end web developer: Created a front-end single-page web application, communicated with back-end database through REST APIs
-Created encryption protocol for communication between server and Internet of Things device

Academic Projects

3D game engine: Course: *Advanced Graphics Programming II*
-Visual C++/DirectX 9
-Created acceleration behavior using 3D polar coordinates
-3D model loading and basic model creation with Blender
2D game engine: Course: *AP Computer Science A*
-Java standard library
-Created acceleration behavior using 2D polar coordinates
-Loading simple sprites
-Focus on smooth user experience with emphasis on control feel and 60 FPS
High School Robotics Team
-BEST competition
-4 year member
-2 years experience as captain of team

Extracurricular Activities

TAPPS state math competition: Calculator skills, 2 consecutive years
Improvisational acting: 2 years of experience

References

-Available upon request