DENNY LUONG

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# PROFESSIONAL SUMMARY

Passionate, self-motivated, and disciplined computer engineering major pursing bachelor’s degree and summer internship in Software Engineering. Excellent interpersonal skills, ability to work with and lead multicultural groups.

# ­­ EDUCATION

University OF HOUSTON, CULLEN COLLEGE OF ENGINEERING Houston, TX

Bachelor of Science in Computer Engineering May 2018

GPA: 3.3

Dean’s List

# ­­ WORK EXPERIENCE

securus technologies Houston, TX

*Software Development Intern* September 2016 - Present

Automated web applications and forms through C# integrated with Selenium, reducing completion times.

Collect and organize trackpoints gathered from GPS trackers, controlled data management

ZYGMUNT CONSULTING LLC Houston, TX

Freelance IT Assistant May 2016 - Present

Diagnose errors in computers and corrupt hard drives.

Debug and install new hardware for upgrading equipment.

MICRO CENTER Houston, TX

General Sales Associate May 2016 – August 2016

Executed Cycle Counts in order to track merchandise, reducing store shrink by 3%.

* Researched products to train customers on usage of products, maintained 93% satisfaction on employee surveys.

# DESIGN PROJECTS

pASSWORD SECURITY PROGRAM

* Developed system that enabling individual characters to be checked in order to ensure optimal password sensitivity.
* Prompted better password combinations to ensure more difficulty exploiting.

TRANSISTOR FM RADIO

* Managed team members in development of prototype device, accelerated timeline to earlier date, due to preplanning.
* Organized project proposal, delegated tasks and devised appropriate tasks for all team members in order to increase efficiency.

aRDUINO TRAFFIC LIGHT

* Directed team through procedural development, prototype creation, and code development/implementation.
* Compiled code using Arduino board to simulate traffic light system.

RESISTIVE BATTERY ANALYSIS

* Led team through different data collection methods and analysis to test internal resistance with various configurations.
* Constructed diagrams for modeling and testing on assembled battery circuits.

# PROFESSIONAL DEVELOPMENT

IEEE r5 Robotics June 2016 - Present

*Logistics Coordinator*

* Researched methods and constructed circuits in order to penetrate acrylic and opaque materials existed on game field.
* Debugged and tested code on Tiva C microcontroller for implementing sensors on robot to traverse maze.
* Created detailed notes on procedures, equipment, materials, and results from the testing of multiple sensors on game field.

SOCIETY OF ASIAN SCIENTISTS AND ENGINEERS February 2016 - Present

*Historian/Webmaster*

* Managed organization’s website and promoted social media presence to drive traffic to increase member turnout.
* Designed PROMES Banquet Poster in order to help promote annual event for the engineering department.
* Developed business cards to promote organization to company sponsors and representatives.

Institute of electrical and electronics ENGINEERS August 2014 - Present

*Active Member/SAC Arrangement Chair*

* Arranged events and room reservations, optimizing highest member turnout.
* Volunteered in annual chili cook off event, coordinating placement and logistics.

# ADDITIONAL INFORMATION

SOFTWARE SKILLS (TECHNICAL): C Programming, C++ Programming, C# Programming, Java, and TI-RTOS.

SOFTWARE SKILLS (DESIGN): Adobe Photoshop, Adobe Light Room, Autodesk 3ds Max.

EQUIPMENT: Oscilloscope, Multi-meter, Function Generator, OBDII, Soldering Iron.

TECHNICAL SKILLS: Project Management, Computer Building, and Hardware/Device Maintenance.

CERTIFICATIONS (Shaw Academy): Web Development with HTML5 and JavaScript.

Languages: Cantonese – Fluent; English – Fluent