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| Jin Wu |  | **jinwu@ieee.org** |
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|  | **linkedin.com/in/jin-wu** |

EDUCATION

 Sept. 18 – Mar. 21 University of California, San Diego

B.S in Electrical Engineering, minor in Business UC GPA 3.83 | Major GPA 4.00

 Sept. 16 – Jun. 18 University of California, Irvine (Transferred)

B.S.in Electrical Engineering, minor in Statistics

WORK EXPERIENCE

**** Jun. 19 – Sept. 19 ***Building Technology Intern*,Siemens**

* Used AutoCAD for Lightening Control drawings, floor plans, and controller As Built.
* Built and configured the security camera network with IP and connected with Insight UI.
* Helped saving 2500$/year for the company by migrating to a new tools tracking system.
* Helped install/test fire alarm system, including Smoke Detector, Speaker, Strobe, and Relays.

**** Aug. 17 – Jun. 18 ***Project Intern*,Schneider Electric**

* Programmed in Script on server for HVAC, based on customer Sequence of Operation.
* Developed UI on server, providing real time data and summary of the HVAC system.
* Documented As-Built drawings, demonstrated the actual implementation of the blueprint.

PROJECT

**** Apr. 19 – Present ***Web Master*, Web Develop**, Triton Actuarial Society

* Designed the club website using HTML for layout, CSS for style, and JavaScript for backend.
* Hosted on a HostGator server with Firebase Database for email subscription.

**** Sept. 18 – Jun. 19 ***Team Lead*, Micromouse**, IEEE

* Designed and Soldered the PCB using Altium & Eagle; Troubleshooting, improve, and redesign
* Programmed (Arduino C) the STM32 controller with filled logic to solve the maze.
* Led the team, including make directional decision, schedule meetings, set deadlines, etc.
* Negotiated financial (300$) and technical support from the organization.

**** Jan. 19 – Apr. 19 **Smart Bartender**, Project in a Box

* Programmed in Python on Raspberry Pi for control logic and UI with OLED display.
* Built the infrastructure and the electrical circuit, including pumps, relays, transmitters.

**** Dec. 18 – Feb. 19 **Facial Recognition Project**, Project in a Box

* Used OpenCV to detect face and make necessary image processing to crop the face.
* Programmed in Python with Keras to layout the CNN, along with training and testing.
* Connected with AWS and Raspberry to do real time facial recognition.

AFFILIATED GROUP

**** Sept. 18 – Present ***Principal Officer & Chair of Public Relation***, Chinese Student Association

* Collaborated with 3 clubs from different campus, increased events participants by 20%.
* Planned the largest student musical festival in SD, “DNA” (473 participants in 2017).

 Mar. 19 – Present *Business and Strategy Development*, Chinese Engineering Society

* Connected and reach out to companies for collaborations and sponsorships.
* Identified and solve internal risks; Directed improvement and future development.

**** Mar. 19 – Present ***HKN Member***, IEEE Horner Society

SKILL

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| --- | --- | --- | --- | --- | --- |
| **** C++ | **** Python | **** Solidwork | **** HTML | **** JavaScript |  |
| **** Inkscape | **** Raspberry Pi | **** Arduino | **** CSS | **** Firebase |  |
| **** AutoCAD | **** Autodesk Eagle | **** Altium Designer | **** SQL | **** Flask |  |