Jiafeng Zhou

Resume

Los Angeles
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✆ *https://github.com/GUSTUS0328*
DOB: Mar 28, 1996

Skills

Programming	C++, Python, HTML5/CSS3, Javascript, JQuery, Vue.js, React.js, JSON, VTK, Mathematica, MATLAB, Verilog, Assembly Language, Linux, Qt Creator, CodeBlocks
Others	Latex, Jupyter, Adobe Photoshop/Illustrator, Powerapps, Microsoft Office 365 Suite, SPICE, Xilinx, Fritzing, AutoCAD, SolidWorks

Work Experience

Feb. 2018 – May 2018
Medvance/Meditool, R&D INTERN, Shanghai, China.
- Implemented VTK and C++ to develop an interactive three-view drawing interface for DICOM medical 3D images.
- Adjusted binaries to compile VTK on iOS.

Dec. 2016 – Apr. 2017
Thermo Fisher Scientific, IT INTERN, Shanghai, China.
- Devised intranet pages using HTML/CSS to improve aesthetics and website structure.
- Created an equipment management app with Powerapps to enhance efficiency of purchasing equipment.

Technical Projects

Mar. 2019
IGN Code Foo 9.
- Built a responsive web page including filtering and pagination according to API.
- Implemented and modified a Knapsack algorithm.

Sep. 2017 – Dec. 2017
Object-Detection in Artificial Environment in Unreal Engine, TEAM MEMBER.
- Capstone Design. Implemented object-detection based on pixels by MATLAB and using C++ to share memory between Unreal Engine and MATLAB.

July 2015 – Aug. 2015
Smart Window-Cleaning Machine, TEAM MEMBER.
- Integrated Arduino to a car-like machine for cleaning windows automatically with magnets to stick to glass.

Education

Aug. 2018 – Present
University of Southern California.
M.S. in Electrical Engineering

Sep. 2014 – Aug. 2018
University of Michigan–Shanghai Jiao Tong University Joint Institute.
B.S. in Electrical and Computer Engineering

Activities

Oct. 2016
Ernest & Young Shanghai Collegiate Financial Case Study Contest, ANALYST.
- Studied case of mineral water industry in Australia by SWOT.
- Responsible for external and macro environment.

Sep. 2014 – Sep. 2016
Student Union, DEPUTY MINISTER OF THE PUBLICITY DEPARTMENT.
- Led creative sector responsible for designing posters for campus events such as Commercial Challenge and Campus Talk.
- Organized outreach programs for students such as Q & A sessions and open lectures.
- Built Adobe training courses for new members, including Photoshop, Illustrator and InDesign.