Junxian(Aduso) Qu

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SUMMARY

• A communicative team player, eager learner is passionate about full-stack or backend development.

• Seeking an intern position for 2022 summer(expected to graduate in Dec 2022).

EDUCATION

University of California San Diego(UCSD), CA, US   03/2021 − 12/2022
M.S. in Computer Engineering   GPA:3.75

Southeast University(SEU), Nanjing, China   09/2017 − 06/2020
M.S. in Electrical Engineering   GPA:3.81

Southeast University(SEU), Nanjing, China   09/2013 − 07/2017
B.S. in Electrical Engineering & Automation   GPA:3.62

SKILLS

• **Programming Languages**: Java, Python, Html, CSS, MATLAB, JavaScript, C, Mathematica, C++
• **Frameworks & Tools**: Spring MVC, Git, Node.js, Bootstrap, jQuery, Maven, Requests, Flask, Bokeh

EXPERIENCE

Intern - Software Development Engineer at Knobull Co. US   04/2021 - 09/2021
Accomplished Knobull's website, which includes constructing website framework, automailing suggestion submission from visitors to CEO's mailbox, collecting visitor's info and handling their requests, as well as designing webpages layout.[**Java,JavaScript,Html,CSS**][**Spring MVC,Git,Node.js,BootStrap**]

• Implemented website project in Java environment, which contains configuration and framework.

• Added automail function inside Spring MVC controller to send visitors' submission to CEO's mailbox.

• Developed another portal supposed to offer students search engine service under Node.js framework.

• Built layout of web pages by creating CSS modules and designing Html files, also used Bootstrap.

Intern - Software & Hardware Motor Engineer at Midea Co. China   07/2020 - 01/2021
Deployed motor news web in intranet, created software predicting motor output with GUI and computation algorithm.[**Python,Html,CSS,JavaScript,MATLAB**][**jQuery,Tkinter,Bokeh,Flask**]

• Establish intranet motor news website in Python Environment with Flask, displaying plot with Bokeh.

• Deployed website frontend layout by designing CSS and Html files, and utilizing jQuery framework.

• Constructed GUI in Python with Tkinter, equipped with input-output module and submission module.

• Delivered submission from user to server by socket script, saving information in local database.

• Created a script calling JMAG(a popular simulation software) externally to accelerating simulation.

PROJECTS

• **Personal Website** Constructed personal website, automailing message under Spring MVC frame.
  link: https://jxqu.herokuapp.com//[**Java,Html,CSS**][**Spring MVC,BootStrap,Git**]

• **Crawling Data from Webpages** Implemented data crawling with Requests.[**Python**][**Requests**]

• **Branches Prediction** Predict instruction branches taken or not in Docker environment[**C**][**Docker**]

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