

江士尧

联系方式

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教育经历

纽约州立大学石溪分校

2018.8-2020.5

- 专业: 电子工程 (硕士)
- GPA: 3.84/4
- 核心课程: 线性系统, 随机系统, 无线通信, 特征识别, 凸优化, 估计与检验理论

华南理工大学

2014.9-2018.6

- 专业: 信息工程 (本科)
- GPA: 3/4
- 核心课程: 数字/模拟电路, 高频电子线路, DSP, C, VHDL, 计算机网络, 电子系统综合设计, 嵌入式系统理论, 数字图像处理
- 获奖: 国家级大学生创新创业训练项目优秀奖

研究经历

图像压缩感知阈值迭代重构算法研究

2017.11-2018.6

- 学习压缩感知及其两种阈值迭代重构算法原理
- 设计实验比较几种算法在不同参数下的表现, 完成论文

多元传感融合的长时动态人体心理压力监测系统

2016.10-2018.1

- 基于实验室已有的可穿戴设备, 寻找能测量情绪压力的数学模型
- 对硬件收集到的原始信号进行预处理
- 在 MATLAB 中建立可用的滤波器
- 开发本地 Java 程序对数据进行管理, 并同步至服务器
- 开发项目网页

基于“ADDIE 互联网+”模型的创新创业教学理论体系研究

2016.3-2017.4

- 收集问卷以调查各高校创新创业教学情况
- 研究基于“ADDIE 互联网+”模型的创新创业教学理论, 并完成部分论文

工作经历

石溪大学本科课程助教

2019.2-至今

- 批改作业、试卷
- 回答学生疑问

中国电信广州研究院 (实习)

2017.7-2017.8

- 测试服务间的网络, 为容器网络的部署做准备
- 学习 Linux 系统下的 shell 脚本, 容器网络和 Kubernetes
- 帮助维护实验室中的服务器

广东亿迅科技有限公司 (实习)

2016.7-2016.8

- 帮助维护应用服务器
- 学习 Java、HTML、JavaScript、SQL 等语言

标杆管理（中国）公司（实习）

2015.7-2015.8

- 支持项目经理对培训课程前期的策划
- 组织并支持培训课程
- 建议及改进宣传制品

课外活动

华南理工大学电信学院学生会宣传部部长

2015.10-2016.12

- 向同部门同学教授软件使用方法（例如 Adobe PS、AI 和 Pr）
- 协助学院举办活动
- 制作宣传材料，如海报、视频等

软件技能

Office, Photoshop, C, Java, JavaScript, SQL, HTML, MATLAB, VHDL

个人主页



Shiyao Jiang

Contact Information

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Education Experiences

Stony Brook University

08/2018-05/2020

- **Major:** Electrical Engineering, Masters
- **Cumulative GPA:** 3.84/4.0
- **Key Course:** Linear Systems, Stochastic Systems, Wireless Communications, Pattern Recognition, Convex Optimization, Detection and Estimation Theory

South China University of Tech (SCUT)

09/2014-06/2018

- **Major:** Information Engineering, Bachelors
- **Overall GPA:** 3.0/4.0
- **Key Courses:** Digital/Analog Circuits, RF Circuits, DSP, C, VHDL, Computer Networks, Integrated Electronic System design, Embedded System Theory, Digital Image Processing
- **Award:** Excellence Award in National College Students Innovation and Entrepreneurship Training Program

Project Experiences

Research on Image Compressed Sensing and Iterative Threshold Reconstructing Algorithm

11/2017-06/2018

- Learned the principle of compressed sensing and the two reconstructing algorithms
- Designed experiments to compare those algorithms with different parameters
- Wrote my bachelor's thesis based on this project

Long-term Emotional Pressure Measurement out of Multi-source Sensing Fusion

10/2016-01/2018

- Looked for a mathematical model that can measure the degree of emotional pressure based on the wearable devices
- Processed the original signal collected by the hardware
- Established a usable filtering system in MATLAB
- Wrote a Java program to manage and sync the collected data
- Wrote a website for this project

Innovative Entrepreneurship Teaching Theory Based on the Model of "ADDIE Internet+"

03/2016-04/2017

- Collected the questionnaire from the schools on Innovative Entrepreneurship Teaching Theory System
- Studied the cases of Innovative Entrepreneurship Teaching Theory System Based on "ADDIE Internet +" Model

Work Experiences

Teaching Assistant at Stony Brook University

02/2019-05/2019

- Graded the tests and assignments
- Answered the students' questions

Guangzhou Research Institute of China Telecom Corporation Limited (Intern)

07/2017-08/2017

- Tested the networks between servers to prepare for the implementation of new techs
- Self-learned shell script for Linux, container network and Kubernetes
- Helped maintain the servers in the labs

Guangdong Yixun Technology Company Limited (Intern)

07/2016-08/2016

- Helped maintain the application servers
- Self-learned Java, HTML, JavaScript, SQL language

Bench Marking Consulting (Intern)

07/2015-08/2015

- Supported the manager to schedule consulting training for some projects
- Organized and supported curriculums

- Gave advice on publicity and promotion

Extracurricular Activities

Head of Publicity Department of Student Union at SCUT

10/2015-12/2016

- Taught students to use design software (e.g., Adobe PS, AI, and Pr)
- Held departmental activities including departmental ceremonies and sports events
- Produced promotional materials such as posters and videos

Software & Coding Skills

Office, Photoshop, C, Java, JavaScript, SQL, HTML, MATLAB, VHDL

Personal Homepage

