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|  | **联系方式**  电子邮箱：shiyao.jiang@stonybrook.edu  电话号码：+1 6312027860，+86 18925035920 |

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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 | | |

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| **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 | |

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| **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 | |

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| **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 | |

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| **软件技能** |

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

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| **Shiyao Jiang** | **Contact Information**  **Email Address**: shiyao.jiang@stonybrook.edu  **Phone Number**: 6312027860 |

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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 | | |

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| **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 | |
| **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 | |

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| **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 | |

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| **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 | |

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| **Software & Coding Skills** |

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