

Curriculum vitae

PERSONAL INFORMATION

Chu-Cheng Fu

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WORK EXPERIENCE

07/08/2017–08/11/2018

Substitutional Military Service

- Assisted in the elders' education of smart devices

EDUCATION AND TRAINING

10/2018–Present

EIT InnoEnergy-Smart Cities Innovation Journey

EIT InnoEnergy

- Collaboration with Enervalis electric vehicles service solution
 - Created innovative business model solving conflicts among stakeholders: DSO(the electricity distribution operator), EV owners, city government, and charging station owners

08/2018–Present

Master of Science-EIT InnoEnergy Energy for Smart Cities

KTH Institute of Technology, Stockholm (Sweden)

- Energy Data, Balance and Projections
 - Forecast energy consumption of Mexico in different scenarios for the following 20 years by linear regression model
- Smart Cities and Climate Mitigation Strategies, Larger Course - Project Base
 - Proposed a signal for forecasting Swedish household electricity load according to real-time carbon emission in different electricity source by data analysis and reach accuracy over 80%
- Machine Learning
 - Implemented Decision Tree on MNIST data sets
 - Conducted Bayesian classification model for facial detection by python
- Deep Learning in Data Science(on going)
 - Established deep neural network for Cifar-10 images classification and reached accuracy over 70%

09/2012–06/2017

Bachelor of Science in Electrical Engineering

National Cheng Kung university, Tainan (Taiwan)

- System Analysis and Design Theory
 - Renovated Taiwan Rail Road online membership system by software engineering modules along with proposing new business model
- Computer organization
 - Implemented computer processor concepts on ARC board
- Web Programming
 - Built a website with HTML/CSS, and Node JS for trading TOEFL test sites
- Integrated Circuit design
 - Designed wide-swing constant gm bias circuit providing 1μA current for biomedical usage
 - Optimized charged pump circuit under TSMC 0.18μm CMOS process, and got the highest project score

PERSONAL SKILLS

Organisational / managerial skills

- Leadership- Director of team leaders in summer camp for high school students
 - Coached twenty-four team leaders how to lead their team members properly in activities
- Communication skills- Director of department newsletters in Electrical Engineering
 - Interviewed professors and edited their research direction in department newsletters

IT-related skills

- Familiar with programming languages below
 - C, Java, Python, HTML/CSS, JavaScript
- Familiar with machine learning and data analysis

LANGUAGES

- Chinese -Mother tongue
- English -Fluently in speaking, listening, reading and writing
- Swedish -Basic