Curriculum vitae

PERSONAL INFORMATION	**Chu-Cheng Fu**

📍 Malvinas väg 18, 11215, 11428 Stockholm (Sweden)

📱 0722398722

✉️ ccfu@kth.se

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
  - ☐ Realized accuracy tuning methodologies and enhanced computational efficiency in Convolutional Neural Network base on different data sets of computer vision and neural network complexity.

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