Weihong Peng

📞 199-2745-8198 @ pengwhong1995@163.com 🔘 github.com/HankPPeng
🎓 M.E. in Mechanical Engineering 🏛 Guangdong University of Technology 🏠 Guangdong

Highly-motivated M.E. in Mechanical engineering (mechanical and electrical integration, bioinformatics processing, medical equipment) with good foundations of calculus and matrix operations. With experience in machine learning such as neural network. Master C, Python, Matlab and R. Helpful, hardworking, passionate about open source and share experience on my Blog.

🎓 Education

March 2020 September 2018	School of Electromechanical Engineering, **Guangdong University of Technology** M.E. candidate in Mechanical Engineering
June 2018 September 2014	School of Electromechanical Engineering, **China University of Petroleum** B.E. in Mechanical manufacturing and automation (excellent engineer program)

🎓 Honor

August 2014 June 2018	B.E. @ China University of Petroleum ❯ Received **Second Grade Scholarship** twice and **Third Grade Scholarship** once, and titled as **the Merit Student** third ❯ **First Prize** in the Nation 3D Innovation Design Competition ❯ **Second Prize** in the 14th College Students of Shandong Province Innovative Design Competition of Mechanical and Electrical Product ❯ Received Utility Model and Invention (CN201610651569.3)
September 2018 March 2020	M.E. @ Guangdong University of Technology ❯ Received **First Grade Outstanding Academic Scholarship** ❯ Received **Panfeng Subject Scholarship** ❯ Received **Innovation Talent Scholarship** ❯ Recevied **First Grade Academic Scholarship**

⚙ Research Achievements

❯ Participated in 2 research:
Study of Artificial Detrusor System Driven by Electrically Controlled Shape Memory Fibers (2017A030313265)
Study of artificial detrusor system based on bladder volume detection (201904010184)
❯ Applied 3 Inventions (CN201811581381.1, CN201910127074.4, CN201911039409.3)
❯ Published 2 co-authored Chinese Core Journal papers

⚙ Computer Skills

Programming	Matlab(NN), C/Python(machine learning), R(data analysis)
Scientific Edit	MS office, LaTeX, Markdown
Modling	Solidworks, Auto CAD, 3D Max
Plotting	MS Visio, Photoshop, illustrator, Origin, Matlab, R(ggplot2)
Language	**English** — CET-4(529), CET-6(508)
Certificates	**Computer** — NCRE-2(C, Excellent), NCRE-3(Network, Qualified)