

Huaxun Huang

Address: Dorm 2 Room B627, Northeastern University on Hunnan Campus, Shenyang , Liaoning ,
P.R.China,110169 **Mobile Phone:** +86 186-2402-5543 **E-mail:** huanghx@stumail.neu.edu.cn

EDUCATION BACKGROUND

Sept 2013-Present	Northeastern University (985)	Software Engineering Ranking: 1 st /259	GPA: 4.0573/5 Top 1%
-------------------	----------------------------------	---	-------------------------

PROJECT EXPERIENCE

March 2015-March 2016	9th National Undergraduate Innovation Project	Core Member
-----------------------	---	--------------------

- The main topic of our project is based on fractional order system simulation.
- My contribution is fractional order module simulation program implementation.
- Pressed an essay Ying Xiao, Xuefeng Zhang, Huaxun Huang, *NONLINEAR TIME-VARYING FRACTIONAL ORDER SYSTEM BASED ON MATLAB* on 28th Chinese Conference of Decision and Control (CCDC).

June 2016 – Sept 2016	Sleeping Manager - Intelligent Pillow	Android APP Developing
-----------------------	--	-------------------------------

- ✧ The aim of Sleeping Manager is to help patients with **sleeping apnea syndrome** by **managing the sleeping record** and **providing patients with cure suggestions**.
- ✧ Our project includes 3 parts – the intelligent **pillow** with rich sensors, **cloud server**, and **Android APP**. With obtaining sleeping record from sensors, the server would calculate score of sleeping quality, based on the score, the cloud server would make suggestion on conditions of specific patient.
- ✧ My contribution to this project is **developing Android APP**, which the user could use this to check the sleeping data and suggestion.

SCIENTIFIC CONTEST

May 2015,	6th,7th Lanqiao Cup National Program Design Competition	National	Third Prize
-----------	--	----------	--------------------

- This contest is mainly about algorithm design. Candidates compete in individual form. There are 10 algorithm problems for candidates to solve in 4 hours, candidates who solve more problems and use shorter time gain higher rank.
- I won national third prize twice in May 2015 and May 2016 respectively.

May 2015	Oracle Cup National Java Program Designing Contest	Provincial	First Prize
----------	---	------------	--------------------

This contest is mainly to test candidates' Java programming skills. Three students are grouped in a team to solve practical problem in Java, the team who solve more problems in Java and use shorter time gain higher rank.

Sept 2015	China Undergraduate Mathematical Contest in Modeling	Provincial	Third Prize
-----------	---	------------	--------------------

- Background: Measure longitude and latitude by sun shadow height of a vertical bar.
- Modelling: fit tools, optimal equations, Monte Carlo algorithm.

Feb 2016	Mathematical Contest in Modeling	International	Honorable Mention
----------	---	---------------	--------------------------

- ✧ Background: Design time-dependent model to find commercial chance for private firm to use.
- ✧ Modelling: BP neural network, AHP, commercial model.

AWARDS & SCHOLARSHIPS

Nov 2015	National Award	3/259
Nov 2014	Dajie Liu & Wenyu Fang Scholarship	1/259
June 2016	Outstanding Undergraduate Student in Shenyang City	2/259
Sept 2014,15 and 16	First Class Scholarship	8/259
Nov 2015	Outstanding participant in social practical programs in NEU	10/60

PROGRAMMING SKILLS

Java	Good User	C++	Competent User
JSP	Good User	Android	Competent User
Matlab	Good User	C	Competent User

LEADERSHIP AND SOCIAL WORK

Oct 2014 – now	Commissary in charge of studies in class
	<ul style="list-style-type: none"> ● I am responsible for delivering information between teacher and students and helping classmates with their study. ● Arrange a class meeting about how to plan for future career and how to handle the interviews.
Aug 2015	Group leader in social practical research group <ul style="list-style-type: none"> ✧ I organized a social practical team in Longyan City, Fujian Province to research for revolutionary history and Hakka culture in Longyan. ✧ We travelled several communities in Longyan City to do the research for community development and construction of people's live hood, also we travelled Peixie Village, which is famous for its online retailers, to do the research for rural reconstruction policy. ✧ The research group was supported by Northeastern University, our team won outstanding practical research group in Northeastern University(10/60).

SELF EVALUATION

- I have strong learning ability, keeping excellent academic performance in school
- Willing to accept challenges.
- Have high responsibility and upward mobility
- Have experiences of cooperating with others and get on well with others.