

# JINA (YONG JIN) CHUN

Ph.D. Student, University of California, Irvine

(+1) 949-656-5607 ♦ chunyj@uci.edu

## EDUCATION

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### **Boston University**

Bachelor of Arts and Science in Computer Science  
Cum Laude, Dean's Honor List

*Aug 2017 - May 2021*

### **University of California, Irvine**

Ph.D. in Software Engineering  
Advisor : Professor Iftekhar Ahmed

*Sept 2022 - Current*

## RESEARCH INTEREST

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Advancing software engineering through Large Language Models (LLMs) and Natural Language Processing (NLP). Focus areas include machine learning, generative AI, multi-agent debate systems, and agentic software development, with an emphasis on how autonomous agents collaborate to enhance reliability and scalability.

## WORK EXPERIENCES

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### **Teaching Assistant**, UC, Irvine

*Sept 2022 – Current*

### **Research Assistant**, UC, Irvine

Advisor: Professor Iftekhar Ahmed

*Sept 2022 – Current*

### **Data Science Intern**, Orion Health Auckland, NZ

*Jan 2020 – April 2020*

### **Software Engineering Intern**, Parasoft Southeast Asia Singapore

*June 2019 – Aug 2019*

### **Coding Instructor**, Ripple Create Singapore

*June 2018 – Aug 2018*

## CONFERENCE PAPERS

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### **Unveiling Creativity in Software Engineering Discussions: An Empirical Study**

Discovering creativity in project discussions among software engineers working on open-source projects in the domain of software engineering.

Related Topics: NLP and LLM

*On-going*

### **Multi-Agent Debate for Software Engineering: An Empirical Study**

Adapting a multi-agent debate framework for code summarization and translation, enabling AI agents to collaboratively perform software engineering tasks. Investigated how agentic interactions enhance the effectiveness and reliability of automated techniques.

Related Topics: Multi-Agent Systems and Agentic-development.

## SKILLS

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## **Programming Languages and Frameworks**

Java, Python, JavaScript, Node.js

## **ML Frameworks**

Pytorch, TensorFlow, LangChain

## **STUDENT MENTORING**

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### **Undergraduate Student Mentoring**

Dingyi Chang, Keanu Jahncke

*July 2023 - Ongoing*

### **GIC Mentoring Program**

UC, Irvine

*March 2023 - Ongoing*

## **PROFESSIONAL SERVICE**

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**Reviewer**, IEEE Transactions on Reliability

*April 2025*

**Reviewer**, ACM Transactions on Software Engineering and Methodology (TOSEM)

*April 2024*