APOSTOLOS MAVROGIANNAKIS

Undergraduate student in Computer Science at University of Crete with thirst for knowledge. Seeking Security and Cryptography skills to elevate my career as a Science Researcher.

CONTACT

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📍 Santa Cruz, California

in Apostolos Mavrogiannakis

💻 PROGRAMMING

Java
C
R
C++
Python
HTML/CSS
LaTeX

🏛 EDUCATION

September, 2022 - *Present* University of California, Santa Cruz	Ph.D. in Applied Cryptography
September, 2016 - June, 2022 University of Crete	Bachelor in Computer Science
January, 2022 - March, 2022 Ioannis G. Tollis	Thesis - Hierarchical Graph Visualization

⚙ PROJECTS

2023 - *In Progress* Dynamic Searchable Encryption on Range Queries	Implementing a scheme that supports updates using Searchable Encryption
2021 Alpha-Language Compiler	Fully-completed compiler for Alpha Programming Language, using Lex and Yacc. Implementing Lexicographic Analysis, Syntax Analysis and producing Intermediate Code and Target Code.
2019 Information Retrieval System	Implemented in Java programming language. Using 110GB Collection.

⚙ RELATED COURSES

Design and Implementation of Database Systems	*Winter, 2023*
Cryptography and Computer Security	*Winter, 2023*
Advanced Operating Systems	*Fall,2022*
Analysis of Algorithms	*Fall, 2022*

PREVIOUS TEACHING EXPERIENCE

TA - CSE13S: Computer Systems and C	*Winter, 2023*
TA - CSE108: Algorithmic Foundations of Cryptography	*Spring, 2023*

🔤 LANGUAGES

Greek	*Native Language*
English	Michigan State University *Proficiency* IELTS, *March, 2022*