

# NURUL LIYANA BINTI MOHAMAD ZULKUFLI



- KULLIYAH OF INFORMATION AND COMMUNICATION TECHNOLOGY
- IIUM Gombak Campus
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## ACADEMIC QUALIFICATION

- DOCTOR OF PHILOSOPHY (COMPUTER SCIENCE)
- Masters Degree in Engineering

## TEACHING RESPONSIBILITIES

COMPUTATION AND COMPLEXITY	2018/2019 2019/2020 2020/2021
DATA STRUCTURES AND ALGORITHM II	2018/2019 2019/2020 2020/2021
FINAL YEAR PROJECT I	2017/2018 2019/2020
FINAL YEAR PROJECT II	2019/2020 2020/2021
OPERATING SYSTEM	2017/2018 2018/2019

## RESEARCH PROJECTS

### In Progress

**2018 - Present** Formal Models and Algorithms for Modelling Human Brain Dynamics based on DNA Computing Hybrid Methods

**2018 - Present** Formal Models and Algorithms for Modelling Human Brain Dynamics based on DNA Computing Hybrid Methods

## PUBLICATIONS

### Article

**2019** [Static watson-crick linear grammars and its computational power.](#) MATEMATIKA , 35 (3) pp.283-296

### Conference or Workshop Item

### Book

**2017** [DNA computing model watson-crick grammars.](#) IIUM Press, International Islamic University Malaysia . ISBN 978-967-418-687-6

### Book Section

**2019** [Watson-Crick Linear Grammars](#). In: **Proceedings of the International Conference on Data Engineering 2015 (DaEng-2015)** Springer Singapore . ISBN 978-981-13-1797-2 , pp.403-412

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