JOHN KEANEY

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EDUCATION & UNIVERSITY

Second Year Student at Trinity College Dublin, Ireland   *August 2018 - Present*
Integrated Computer Science
Bachelor's Degree In Process

Entertainment Officer at Dublin University Computer Science Society *August 2019 - Present*
Organised Events for Speakers including Google, Microsoft, Hubspot & Arista.
Head Organiser behind Trinity Computer Science Ball.
Co-host of Hackathons, including Arista Hackaton & TCD First Year Hackaton.

St. Clares Comprehensive School, Leitrim   *August 2012 - June 2018*
Elected as Senior Prefect of Student Council in my Final Year.

PINNED PROJECTS

Huffman Binary Tree Encoder
A C program which creates a Huffman Binary Search Tree from a sample .txt file. Then encodes said file via the Huffman Tree into a series of binary digits. The purpose of this is to provide efficient memory storage through encrypting and decoding.

Hacker News Processing Interface
A Front End Interface developed using Processing. The program preforms on analysis of 4GB of User Stories and Profiles to create a display similar to that of .

Command & Control Networking Protocol
Programmed in Java, this protocol uses a synchronized series of methods to send a Datagram Packet to a series of Nodes; from Client to Broker and then forwards to Workers. The Program makes use of a Datagram Packet Structure and manipulation to effectively communicate between Nodes.

Connect 4 Arm Assembly
A Connect Four Game written in Arm Assembly code for My Computing II Module. The code implements an "A.I. User" or two-player multi-player. Inputs and outputs are printed through the UART window using ASCII-Art. The board makes use of Matrices to compute the winning result.

ACADEMIC ACHIEVEMENTS /PROGRAMMING EXPERIENCE

Achievements:
- Third Place Winner of BT Young Scientist Behavioural Sciences Senior Individual Category.
- Recipient of Josie Martin Scholarship (2019).
Programming Specific:
- Invited to Google Open House Ireland (2019/20).
- Arista Coding Tournament Competitor.
- TCD 1st Year Java Programming Competitor.
- Bloomberg Capture The Flag Competitive Participant.

CONTACT / ADDITIONAL LINKS

Github Repositories   *github.com/Keaneyjo*
LinkedIn Profile   *linkedin.com/in/john-k-9a5247104/*