

Kiran R. Dasgupta

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Github: <https://github.com/shijinko/>

Objective

Seeking a Summer 2018 internship position and/or a full-time position starting December 2018. My interests include algorithms/analytics, computer graphics software, web design, android app development, Linux systems programming, and video game development.

Education

Illinois Institute of Technology

Graduation: December 2018

B.S. Computer Science

Experience

Varosha, Webmaster. <http://varosha.org/>

May 2017-present

- Redesigned website working with directors of the organization
- Setup payment system for online donation, increasing donations by 7%
- Delivered requested updates ahead of schedule

Projects

- Developed code to compute multiple Euler problems
- Designed a malloc that outperforms the Linux malloc in some cases
- Implemented C++ snake board game
- Developed multiple android apps

<https://github.com/shijinko/>

Skills

- Linux C/C++ learned in CS 350 Computer Organization and Assembly Language Programming
- Java learned in CS 115 Object Oriented Programming
- Javascript, WebGL learned in CS 411 Computer Graphics
- Python learned in CS 330 Discrete Structures
- HTML, PHP, and CSS self-taught
- Low-level computer graphics relating to spline interpolation, 3D anti-alias shading, bump mapping, and texture mapping learned in CS 411 Computer Graphics
- Extensive experience working with android studio to develop apps CS 442 Mobile App Dev
- Operating systems programming learned in CS 450 Operating Systems
- Data structure and traversal algorithms learned in CS430 Introduction to Algorithms

Misc.

Citizenship: US and Australian

Interests: Art (traditional and digital), Photography, and Photo-editing

Hosted a campus radio talk show on current events and music. January-May 2015