Kiran R. Dasgupta

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https://github.com/
shijinko/

Education

- Illinois Institute of Technology
  B.S. Computer Science
  December 2018
  Recipient of Heald Scholarship

- Metea Valley High School
  May 2014
  Indian Prairie Scholar

Citizenship

- US

- Australian

Interests

- Playing piano and viola

- Traditional and digital art

- Photography and photo-editing

- Hosted campus radio talk show on current events and music (January-May 2015)

Objective

Seeking a full-time software development position starting January 2019.

Work Experience

Fermilab www.fnal.gov/
Internship June 2018 – August 2018

- Designed an image/information displaying GUI application
- Independently learned Qt creator IDE and Qt libraries
- Implemented several C++/Qt classes
- Debugged code using Qt IDE debugger
- Created a user interface capable of parsing XML files
- Presented project to Mu2e group of engineers and physicists

Varosha www.varosha.org
Webmaster May 2017- present

- Redesigned website working with directors of the organization
- Set up payment system for online donation
- Built off of pre-existing css to add more pages to the website
- Delivered requested updates on a regular basis while maintaining constant contact with clients

Software Skills

- Linux C/C++ (CS 350 Computer Organization and Assembly Language Programming, Fermilab project)

- Designing user interfaces with Qt development tools (self-taught, Fermilab project)

- Java (CS 115 Object Oriented Programming, self-directed projects)

- Javascript, WebGL (CS 411 Computer Graphics)

- Python (CS 330 Discrete Structures)

- HTML, PHP, and CSS (self-taught, Varosha project)

- Low-level computer graphics relating to spline interpolation, 3D anti-alias shading, bump mapping, and texture mapping (CS 411 Computer Graphics)

- Extensive experience working with android studio to develop apps (CS 442 Mobile App Development)

- Operating systems programming (CS 450 Operating Systems)

- Data structure and traversal algorithms (CS430 Introduction to Algorithms)