Christopher Chan

cbchan2@illinois.edu

Check out my personal website!   www.krestofur.com

EDUCATION

University of Illinois at Urbana Champaign   *May 2016*
Bachelor of Engineering in Computer Engineering

Honors/Activities

Association for Computing Machinery SigMobile   *2012-Present*
FIRST Robotics Club Seattle Regionals Semi-Finals   *2011*
12th Place Pacific Northwest USA Swimming Sectionals Regionals Finalist   *2012*
President of High School Computer Club   *2010-2012*
Illini Swim Club   *2012-Present*

Related Courses

Eng 198 – Matlab & Excel Essentials
ECE 198 JL – Introduction to Computer Engineering
ECE 110 – Introduction to Electrical and Computer Engineering
- Produced self-autonomous car utilizing transistor transistor logic, Arduino micro-controllers, and C.

WORK EXPERIENCE

Systems Engineer Intern Dow Chemical   *September 2013 – Present*
- Developing web based applications utilizing skills in Knockout/Angular js frameworks, ASP.net, and Mongo DB. Web applications utilized by customers worldwide.

University of Washington Computation Biology Research Intern   *July 2011-August 2011*
- Developed computational programs to model, annotate, and understand relationships among and between the sequences, structures, functions, and interactions of proteins. Programed using Python and Linux Shell languages.

University of Washington Ottomans Texts Software Engineering Intern   *May 2013-August 2013*
- Utilized/debugged open source python scripts to re-image lost ottomans texts to mobile eBook readers. Researched TEI/Docbook/EPUB format conversions.

University of Washington Systems Biology Software Developer Intern   *May 2013-August 2013*
- Developed several web-based applications that use JavaScript, HTML and many open-source libraries (such as Numeric.js), focusing on the visualization and simulation of bio-mathematical models, with collaboration through git.

Personal Projects

Baseball Sabermetrics Database   *2013*
- Developed big data SQL database containing MLB data since 1871. Manipulated data to develop statistical analysis that cost money to view in other public websites such as www.fangraphs.com. Programmed using PHP, HTML, CSS, JS, and SQL.

Benjamin Graham Intrinsic Valuation   *2013*
- Utilized Yahoo Query Language to develop a statistical stock evaluator using Benjamin Graham's valuation formula.

SKILLS

Programming: Over 5000 lines in JS, java, and C. Over 1000 lines in PHP.
Operating Systems/Technical Skills: Linux, Windows, Mac OS X. SSH, Simple VPN and IP Networking and routing.
Databases: SQL, MongoDB.
Hardware: Arduino, Transistor-Transistor Logic