



Jayson Margalus

Computer Scientist & Interaction Designer

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DePaul University

Faculty Director

June 2015
– present
Created and direct a 5,000 sq/ft maker lab. Set strategic vision, create + manage partnerships and certifications with professional organizations such as Caterpillar, Inc. and Arrow Electronics. Co-created and teach in the Designing for Physical Technology program. Teach hardware design, digital fabrication, and more.

MapR Technologies

Demo Engineer

2014
– 2015
Built data analytics and hardware applications for the MapR Hadoop Big Data platform. Projects included a Security Information and Event Management (SIEM) platform on MapR and ELK, an IOT game for the Big Data Everywhere conference, and a demo portal.

DePaul University

Adjunct Professor

Apr 2013
– June 2014
Created and taught course “Business of Indie Games.” Taught computer programming, product development, game production, and design fundamentals courses. Connected Chicago game industry efforts to the University.

Lunar Giant

Co-Owner, Marketing, Programmer

2009
– 2016
Worked on a multitude of game projects, including *Delve Deeper*, *DD: Treasures and Tunnels*, *DD: Gratis Grottos*, *Mega Ran: The Game*, and *Tetrapulse*. Fostered business relationships with the local game community, and ran the largest non-profit in Chicago that represents game developers.

Projects include
<http://margal.us/phystech> – University Minor
[spacelab1.com](http://margal.us/spacelab1.com) – Makerspace
<http://margal.us/thotcon> – Hardware Game
<http://southlandmakerfaire.com/> – Event

Additional Skills

Embedded systems
Highly proficient
Digital fabrication
Highly proficient
Product Management+Marketing
Expert level
Interaction Design
Expert level
Data visualization
Highly proficient
Software development
Highly proficient
Database Development
Highly proficient
Mobile development
Highly proficient

Interests

Backpacking
Carpentry
Alternate Reality Development
Classic Literature

“Jay is a careful planner with a mind for big- and small-picture details [who] never shies away from a challenge.”

David Wolinsky , Professor
University of Utah

References available on request.

2002
–2006
North Central College
BS Political Science

2016
– present
DePaul University
MS Human Computer Interaction