

Michael Prokopchuk



<http://cupchucker.com>

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Work Experience

Software Developer, 20-20 Technologies Commercial, Grand Rapids, MI

May 2012 – Present.

Developed large, consumer-focused, data-driven iPad and web applications in an MVC framework. Implemented still-image mockups into functional, interactive code.

Architected portions of functionality and user experience. Created UI elements. Created company style standards for web development.

Technical Animator, Peterson Design Studio, Allendale, MI

May 2009–March 2012.

Created technical animations and still images of products mainly with Lightwave 3D and After Effects. Tasks included CAD file cleanup, modeling, texturing, lighting, animating (involving dynamics simulations) and rendering setup.

Personal Projects

- **Latin Language Learning Tool** – Python, mySQL (March 2013 – Present)
An smrs-based platform to learn Latin. Backend written in Python/mySQL, using custom natural-language generation algorithms and techniques. Frontend written with Google Angular.
- **Full Thrust Mobile App** – JavaScript/PhoneGap, iOS, Android (March 2013 – Present)
A utility mobile application to replace the paper portion of a tabletop game. Developed in conjunction with Peterson Design Studio (artwork, UI).
- **Drugcite.com** – web design, frontend development (January 2012–February 2012)
Redesigned the mobile experience for the website, and refactored jQuery manipulations to be more performant.

Competencies

- JavaScript (Angular, Backbone, JQuery, Require), PhoneGap (iOS and Android)
- CSS, HTML, PHP (CodeIgniter)
- C#, Java, SQL, Python (Flask)
- ER (Entity Relationship) Modeling, UML
- Adobe Photoshop, Illustrator, Premiere, After Effects, Flash, and Dreamweaver.
Apple Compressor, Final Cut Pro. Autodesk Maya. Avid Media Composer, Pro Tools. Microsoft Office. NewTek Lightwave. Propellerheads Reason.

Education

B.A. Film and Video, emphasis in Animation and New Media.
Minors in Computer Science, Russian Studies. Member of Honors College.
Grand Valley State University, Allendale, MI.
GPA: 3.83/4.00; Cum Laude. Awarded December 2011.

Interests and Activities

Teaching Assistant – 3D Computer Animation (GVSU - CFV 324) Winter 2010.

Publicity manager – Elected officer position. Created print and video ads for the Grand Valley student-run TV station, GVTV. January 2009 – December 2009.

Winner, Best Editing, Kalamazoo Teen Film Festival 2006.

Phi Kappa Phi Honor Society Member.

Musician, The Waxies LLC. April 2009 – Present.

Personal Interests:

- Classically trained violinist and violist.
- Linguistics (computational linguistics, orthography, second language acquisition).

References, portfolio work, and/or sample code available upon request.