

Michael Prokopchuk

prokopcm.github.io

prokopcm@gmail.com

Work Experience

Software Developer, Skritter (Inkren)

March 2016 – Present.

Developed language learning software for Chinese and Japanese

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

May 2012 – March 2016.

Developed consumer-facing, configurable, data-driven applications for web and mobile. Architected features and worked with vendors to customize core functionality to meet client requirements. Designed graphics and 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 – 2014)

An srs-based platform to learn Latin. Backend written in Python/MySQL, using custom natural-language generation algorithms and techniques. Frontend written with Google Angular. Demo available at latin.herokuapp.com.

Drugcite.com, frontend development (January 2012–February 2012)

Redesigned the mobile experience for the website, and refactored jQuery manipulations to be more performant.

Competencies

- JavaScript (Vue, Backbone, JQuery), TypeScript
- CSS, HTML
- C#, Java, SQL, Python (Django, Flask, NLTK)
- Adobe Photoshop, Illustrator, Premiere, After Effects, Flash.

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.

Personal Interests:

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

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