Michael Henning

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Bellingham, WA 98225   https://linkedin.com/in/myklhenn

Education

WESTERN WASHINGTON UNIVERSITY — Computer Science, BS

Fall 2013 to Winter 2018 (Expected)

Dynamic Web Pages (CSCI 202)	UNIX Software Development (CSCI 352)
Data Structures (CSCI 241)	Human-Centered System Design (CSCI 497)
Website Development and Management (MIS 314)	Object Oriented Design (CSCI 345)
Database Systems (CSCI 330)	Internship in Internet Studies (CSCI 403)

Projects

WEB APPLICATION FOR "MYQUITPAL" — *Research Project, Western Washington University   July 2017 to Present*

Improving/continuing a tool for running visualizations of smoking cessation data, as a companion to mobile app "MyQuitPal" (part of Dr. Moushumi Sharmin et al.'s research project at Western Washington University)
>> HTML, CSS, JavaScript, D3.js, Bootstrap, Node.js, NPM, GitHub

WEBSITE FOR "SURFER YETI" — *CSCI 403 Project, Western Washington University   March 2017 to June 2017*

Created a website for local Bellingham band "Surfer Yeti" with a unique horizontal scrolling design and interactive animations (https://myklhenn.github.io/surferyeti, https://github.com/myklhenn/surferyeti)
>> HTML, CSS, jQuery, Node.js, NPM, Bower, Adobe Photoshop, GitHub

MOBILE APPLICATION "JOURNEY" — *CSCI 497 Project, Western Washington University   January 2017 to Present*

Front-End Designer/Developer — Building an Android application (using Android Studio IDE) to create and travel on virtual "journeys" with friends using the device's sensors and tracked fitness data (https://github.com/myklhenn/JourneyApp)
>> Java, Android, GitHub, Heroku, Ruby on Rails, Google Maps API

LATEX RESUME REDESIGN   *February 2017 to Present*

Reworked and typeset current resume in LaTeX with custom macros to create a heirarchical, object-oriented-like format for easy reading and updating (http://github.com/myklhenn/ResuTeX)
>> LaTeX, GitHub

WEB APPLICATION "GENESIS" — *at DubHacks Fall 2016, University of Washington   October 2016*

Front-End Developer — Built a tool for genetics researchers to perform "genomic sequence analysis" on DNA strands from *GenBank*'s database (https://github.com/garyh6/dubhacks)
>> HTML, CSS, MEAN Stack (MongoDB, ExpressJS, AngularJS, Node.js), jQuery, Bootstrap, D3.js, GitHub

WEB APPLICATION "MEAN STACK PROJECT"   *June 2015 to July 2016*

Front-End Developer — Worked with Skyler Kidd to rebuild a client's website using MEAN Stack and Bootstrap frameworks
>> HTML, CSS, jQuery, MEAN Stack (MongoDB, ExpressJS, AngularJS, Node.js), Bootstrap, GitHub

WEB APPLICATION "SOUNDVANE" — *at DubHacks Fall 2015, University of Washington   October 2015*

Front-End Developer — Built a tool to generate SoundCloud playlists of the recommended tracks for a given song or playlist (https://github.com/aaron235/SoundVane)
>> HTML, SASS, Handlebars.js, Express.js, Node.js, GitHub, Heroku

References

DR. MOUSHUMI SHARMIN	SKYLER KIDD	TYLER AVILA
<Moushumi.Sharmin@wwu.edu>	<skylerkidd@google.com>	<tylera@spie.org>