

Michael T. Chinen

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Education

- Fulbright Scholar, Audio Communications, TU Berlin** **2009-2010**
Concentration: Sonification of Programs
- M.A. in Electro-Acoustic Music, Dartmouth College** **September 2007 - 2009**
Concentration: Software Design as Music
- Research Student, Tokyo Denki University** **March 2006 - 2007**
Concentration: Sound analysis synthesis research at Sound Media Representation Lab
- B.S. in Computer Science, University of Washington** **December 2005**
Concentration: Analysis/synthesis and Computer music with Juan Pampin
- B.M. in Composition, University of Washington** **December 2005**
Composition: Advisor: Richard Karpen

Professional Experience

- Programmer, Roughsoft, LLC** **2010-Present**
Audio/Media-processing web services, iOS applications
- Voice Conversion and Effects Processing Research Intern, Dolby** **Summer 2009**
Real-time dsp/voice processing and system integration for video games
- Developer for Audacity (Team Member)** **May 2008 – Present**
Added an on-demand multithreaded system to import files for immediate editing
- Programming Lead, Beat Inc, Tokyo (Now: IMJ)** **June 2006 – August 2007**
Interfaced hardware for cell phone eTicket system with IC/RFID, and QR Codes
- Audio Engineer (Intern) Microsoft Corp, Seattle** **June - September 2005**
DSP for dynamic song recommendation, music similarity measures
- Sound Designer, Zombie Studios, Seattle** **August 2003 - May 2004**
Edited, recorded, and placed sounds in XBOX/PC Game, *Red Mercury*
- Programmer, Department Genome Sciences, U of W, Seattle** **May 2002 - 2003**
Java Programmer for multiple alignment of DNA sequences tool
- Programmer (Intern) Adobe Systems Inc.** **June 2001 – September 2001**
Perl/C++ programmer for InDesign desktop publishing software

Software and Programming Languages

Professional experience with C, C++, Objective-C, C#, Java, PHP, PERL, sh
Most-used APIs: Audacity, FFmpeg, wxWidgets, CoreAudio, PortAudio, OpenGL
Other Technologies: EC2, SQL, Apache, Web Services, ASPX, Wordpress

Second Languages

Japanese – Fluent JLPT N1 level (Japanese Language Proficiency Test, top level)
German – Proficient (B2 level)