

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)