

# Peter K Raymond

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## PROFILE

A software engineer with a passion for asking questions, solving problems, and finding more efficient ways to accomplish goals. In search of disruptive technologies that revolutionize industries, take a multidisciplinary approach, and use my technical proficiencies and creative process to draw new conclusions.

## CORE COMPETENCIES / PROGRAMMING LANGUAGES

mac os development	iOS development	linux development
bluetooth development	web development	digital signal processing
embedded software	curriculum management	market research
C++ / C / Objective-C	HTML / javascript / CSS	MATLAB / r
verilog / arduino	processing / Max MSP	

## EDUCATION

B.S.E. Computer Engineering, University of Michigan, Ann Arbor, MI  
B.S. Sound Engineering, University of Michigan, Ann Arbor, MI  
GPA: 3.58 - Magna Cum Laude

## HONORS

Eta Kappa Nu ( HKN ) Honor Society Member  
Audio Engineering Society Member – Previously Chair, Treasurer, and Webmaster

## EXPERIENCE

UNIVERSITY OF MICHIGAN, Ann Arbor, MI 2007 – 2012

### Digital Signal Processing Design Project ( EECS 452 )

- Work collaboratively with my teammates to design a controller that turns a surface into a gesture recognition DJ controller
- Developed based on standards for music production software, we programmed in Verilog and C.

### iOS Application for Technical Ear Training

- Objectively trains a user to identify frequencies as practice for mixing or live sound engineering

### Digital Media Commons Audio Staff

- Develop new curriculum and marketing classes to nearly double the number of users trained and active per semester
- Assist in creating purchase orders, doing market research, workflow design, construction, and designing technical specifications of the Electronic Music Studios

LIVIO RADIO, Ferndale, MI

Summer 2012

### Software Engineering Intern

- Write, Test, Debug, and Document independent and collaborative projects for production and prototyping
- Develop for Web Applications, iOS, and Bluetooth Low-Energy hardware modules