

Brandon Mosst

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Objective

Seeking challenging work experience in audio / signal processing or related fields

Education

Bachelor of Science California Polytechnic State University, San Luis Obispo 12/03
Major: Electrical Engineering
Concentration: **Audio Engineering, Signal Processing**
Minor: Music Composition, Performance, and Recording
GPA: 2.8

Senior Project “DSP Vocoder”
Uses voice input to induce speech characteristics on audio carrier
Designed with Texas Instruments’ TMS320C5416 Evaluation Kit
Programmed with Code Composer Studio in C

Coursework

EE414	Communications Systems	EE302	Control Systems
CPE319	Digital System Design	EE334/401	Electromagnetic Fields and Waves
EE325	Energy Conversion	EE403	Fiber Optic Communication
CPE336	Microcontrollers	EE313	Transmission Lines
EE425	Analog Filter Design	EE419	Digital Signal Processing
EE304	Random Signals and Noise	MU308/411	Sound Design: Recording

Computer Skills

C & Unix	Microsoft Access
Code Composer Studio (DSP)	PSPICE Capture & Layout
Metroworks Code Composer	Verilog & Xilinx VHDL
Micro Cap	

Experience

<i>Landscaping Assistant</i>	Richard Crawford Residence, Atascadero, CA Assisted in planning and construction of wooden decks, fences, and brick walls; additional tasks include painting, land clearing, and planting	8/02 – 5/04
<i>Secretary and Security</i>	K-Mozart Radio Station, Los Angeles, CA Responsible for phone inquiries, station routing, visitor clearance, local deliveries, and filing mail	7/01-9/01
<i>Biomedical Engineering Assistant</i>	Saint John’s Hospital, Santa Monica, CA Performed electrical repairs and quality control tests for pace makers, defibrillators, motorized beds	5/95 – 8/97
<i>Store Manager & Cashier</i>	Pico Dry Cleaners Responsible for opening and closing store, handling payments, customer accounts, software troubleshooting	8/97 – 9/99
<i>Customer Service Representative</i>	Postal and Packing Emporium Responsible for mail sorting, packaging, filing, accounting, and local delivery / pickup.	5/95 – 8/97

Honors & Activities

Engineering Dean's Honors List	Spring 1999
IEEE Member	9/01 - Present
Audio Engineering Society	1/03 -- Present
Instrumental Performance & Instruction - Flute and Guitar	9/88 – Present
Cal Poly Chamber Orchestra	1/01 – Present
Cal Poly Wind Ensemble	9/98 – 6/02
Cal Poly Triathlon Team	9/02 – 5/04
Cal Poly Wheelmen Cycling	1/03 – Present