

Matthew Francis-Landau

Permanent Address

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|------------------------------|--|------------------------|
| Objective | fix Auditing/Analysis of Operations | |
| Education | First year undergraduate at UC Berkeley, intended Computer Science and Mathematics major. High school at California Academy of Math and Science, unweighted GPA: 3.77. | |
| Experience | Technical Intern , Motion Picture Marine, Venice CA | Summer 2011 |
| | <ul style="list-style-type: none">• Developed vibration detection and elimination method using fourier transformation and automatic PID gain adjustment.• Debugged hardware and software issue relating to mass production of Perfect Horizon units.• Co-authored grant to develop high school robotics program under Office of Naval Research (ONR).• Designed technologies for remote internet connection and upgrades to in field units. | |
| Leadership Experience | Project Manager , Red Inc | 2011-2012 |
| | <ul style="list-style-type: none">• Lead team of 15 people | |
| | Programming Leader , Nerd Herd Robotics team | 2010-2012 |
| | <ul style="list-style-type: none">• Trained members from 120 person team in basic robotic programming• Converted team from 3 different GUI programming environments to | |
| | Project Facilitator , Inner disciplinary school project | 2008-2012 |
| | <ul style="list-style-type: none">• Organized groups ranging from 4 people to 30 people. | |
| Projects | JSApp.us | November 2010 to Today |
| | <ul style="list-style-type: none">• First open registation Node.js hosting platform.• Features online code editor and living online testing.• Enables individuals to try the Node.js platform out quickly without install anything | |
| | iLang | Summer 2012 |
| | <ul style="list-style-type: none">• New programming language based around a function paradime.• Functions and classes are both viewed as “annonoyous” types | |
| Computer Skills | <u>Languages:</u> C++, JavaScript, Python <u>Technologies:</u> Linux, Node.js, MonogoDB, Tokyo Tyrant, \LaTeX , Arduino, Mbed, Mathematica, | |
| old | System Consultant , Fleet Van Lines, Bayridge, NY | Summer 1984 |
| | <ul style="list-style-type: none">• Researched, implemented new computer accounting system• Customized existing software for inventory management• Trained employees on both accounting and inventory systems | |

Computer Salesman, Solutions Unlimited, Lake Grove, NY

Summer 1983

- Demonstrated extensive range of software and hardware
- Developed leads by offering seminars for specific professions

**Computer
Skills**

Languages: COBOL, Pascal, C, APL, Basic

Software: SPIRES, dBase III, Datastar database systems,
GPSS simulation, FCS-EPS financial planning,
SAS statistical analysis, Lotus1-2-3, MPSX opti-
mization modeling