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# Edward Mauthe

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**Objective:** **B. S. Computer Science College Graduate seeking a professional position as a computer scientist**

**Qualifications:**

- Highly motivated goal oriented B. S. Computer Scientist, Graduate, Magna Cum Laude
- Expert in Computer software code writing and code analysis
- Specializing in Languages of: C++, Perl, Python, DotNet, Assembly (x86, MIPS, PPC, ARM)
- Application Interfaces: SSL, GTK, MFC, D3D, OGL, OCL
- AGILE, SCRUM and RAD Project Development Team Leader
- Decompilation and Security Auditing of Programs

**Accomplishments and Awards:**

- Cap-Stone Project Development, Exploring Visualizations for RE in x86 Computer Systems
- Presentation of Crypto Currency Trading Android Application at CSUCI Seminar
- Directed Studies Semester Project: Deriving Computer Vision AI from first principles

**Experience:**

**May 2020 –**

**MediaPOINTE**

**Camarillo, CA**

**Developer**

- Full-Stack Website Development (Mongo, S3, EC2, RDS, DBD, Node, Vue, jQuery, Firebase, React, Preact, Angular)
- Android App Development (Java ADK, NDK, Firebase)
- Desktop App Creation (Java AWT & Swing, MFC, GTK, WxWidgets)
- Integrated Systems Software Development & Deployment (C, C++, Bash, Perl)
- Automated numerous tasks using CRON Jobs.
- Handled Client design input specs and built mockups for presentation.

**August 2019 – May 2020**

**Omniupdate**

**Camarillo, CA**

**Customer Success Associate**

- Modification and fixing HTML,XML,XSL,JS,PHP,C#,VUE code for customer websites
- Advising customers on reconfiguration of IIS, Apache, nginx and other HTTP Server settings
- Helping customer network testing of SMTP,SSH,RDP,DNS
- Providing detailed instructions within the CMS Product to teach customers how to do what they need
- Creating automated API scripts both for Online and Offline applications for customer and internal workflow
- Customer Service and Support

**January 2015 – June 2018**

**Upwork**

**Camarillo, CA**

**Computer Scientist, Analytical**

- Wrote Prolog (LL) and LISP (LR) interpreters from BNF
- Created cross platform scripts in BASH, BAT and VBScript
- Legacy Windows/DOS Programming and Operating Systems
- Enterprise Desktop Applications for Windows (VB5, VB6, DotNet)
- Wrote optimized format loaders from Scratch for: TRI, JPEG, GIF, MP2, ZIP
- DirectX (Versions 6-11): DirectDraw, Direct3D, DirectSound, etc.
- Analysis and cure of computer malware such as VDAy and Conficker
- Unit Testing (JUNIT)
- Consulted on compilation and installation of a wide variety of Server, Kernel and Firmware
- Customer Service and Support

**Education:**

**Ventura Junior College**

**B. S. Computer Science, CSUCI**

**Ventura, CA**

**CAL State University Channel Islands**