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# Edward Mauthe

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 **Ventura, CA**

B. S. Computer Science, CSUCI **CAL State University Channel Islands**