

David D. Choi

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Work Experience:

Warren and Panzer Engineers June, 2007-June, 2013

228 East 45th St, New York, NY 10017

Technology Liaison and Drafting Manager

- Developed, modified, and printed architectural elevations, floor plans, and site plans
- Supported users with Outlook, Word, and Excel
- Maintained server (adding storage capacity, updates, and domain accounts)
- Developed and maintained websites with search engine optimization best practices
- Diagnosed and repaired PC's

Intelligent Systems Automation November, 2004-March, 2007

P.O. Box 80370, Charleston 29416-0370

Systems engineer

- Managed projects
- Designed and documented electrical systems
- Trouble shot and corrected equipment wiring problems from electrical schematics
- Evaluated and revise existing technical drawings to match field wiring
- Drafted and updated project drawings for changes and modifications
- Programmed and debugged GE Fanuc and Allen Bradley PLC systems
- Fabricated and documented electronic control panels
- Installed wireless networking systems for surveillance systems and PLC systems

Kettering University engine test cell February, 2003-December, 2003

1700 West Third Street, Flint, MI 48504

Test cell engineer

- Tested different engines on an AC dynamometer with a Redline ADAPT data acquisition system for performance analysis
- Calibrated laboratory equipment
- Developed an automated test to find brake specific fuel consumption maps and engine spark maps for two or four stroke engines of various sizes using ADAPT-DAC version 4.4
- Taught and worked with students to develop engine spark maps relative to manifold air pressure
- Assisted students on technical issues involving the data acquisition system and dynamometer setup
- Continuously improved upon the existing set up using ergonomic and practical solutions

Ford/Visteon Electronics Facility October, 1997-December, 2000

2750 Morris Rd. Lansdale, PA 19446

Manufacturing engineer

- Worked on an automotive speed control unit, window controller, RF receiver, temperature sensor, and cell phone tower ceramic board manufacturing lines
- Designed and drafted custom parts using traditional drafting and AutoCAD
- Drafted and updated floor plans in AutoCAD
- Utilized visual factory techniques to increase ergonomic efficiency
- Recorded cycle times on entire lines and developed reports using the acquired information

Education:

Kettering University July, 1997-June, 2004

Mechanical Engineering major

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Special Skills:

Adept with Windows based computers including programs such as: AutoCAD 12 through 2010, Ideas 3-D modeler, ADAPT Redline engine management program, Rockwell Software Logix5000, RS Logix500, RS View 32, GE Fanuc Proficy, Microsoft Word, Excel, Outlook, and Power Point. Proficient with AutoIt and HTML programming languages and familiar with Python, PHP, Ubuntu, and Mac.