

*Sample Engineering Resume – please ask at the CDC for additional resume samples*

## **MATTHEW P. ROGERS**

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### **OBJECTIVE**

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Seeking a summer internship in ceramic engineering or materials science.

### **EDUCATION**

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Inamori School of Engineering at Alfred University, Alfred NY

*Bachelor of Science* candidate, May 2006

Major: **Ceramic Engineering with a minor in Materials Science**, GPA 3.4/4.0

- Advanced courses: Science of Whitewares, Optical Properties of Materials, Statistical Foundations for Manufacturing, Physical Metallurgy, Kiln and Automatic Control

### **TECHNICAL SKILLS**

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**Laboratory:** Dry Pressing, Spray Drying, Slip Casting, Glass Making and Firing and Annealing, SEM and X-ray analysis, EDS analysis, Optical Microscope, Oscilloscopes, Calorimeter, Preparing and Analyzing Suspensions, Engineering Drafting, AAS, ICP-OES, FES, UV-VIS, FT-IR, Laser Raman, SIMS, LEISS, XPS, DSC, DTS, Acid/Base Buffer Testing, Extrusion, Isostatic Compaction, Helium Pycnometer, B.E.T. Monosorb

**Computer:** Microsoft Office (Word, Excel, Access), Kaleidagraph, JAVA, CAD, SPSS

### **EXPERIENCE**

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**Syracuse China**, Syracuse NY. *Co-op Engineer*, May – December 2004

- Conducted pressure casting and process control research and development
- Wrote standard operating procedures
- Developed a colored glaze stain
- Implemented a leadfree glaze into production

**Whitewares Center**, Alfred University College of Ceramics. Lab Assistant, 2004-present

- Prepare and analyze samples for professors and graduate students
- Assist with library materials and research

**Radio Shack**, Rochester NY. *Sales Associate*, Summer 2003

- Respond to technical questions of customers
- Specialize in the sale of computers and related products
- Provide a customer-friendly environment within the store

**Security Office**, Alfred University NY. *Security Guard*, 2003 - present

- Conducted rounds of campus during night hours
- Handled crisis situations in a calm and effective manner. Certified in CPR.
- Maintained a safe environment during special campus events: concerts, dances, etc.

### **ACTIVITIES**

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Keramos Member (Ceramic Engineering Honor Society) – inducted April 2004

American Ceramic Society Member, 2003-present

AU Varsity Track and Field, 2002-present