What Can I Do With a Major in **MATHEMATICS**?

Below is a list of job titles, employers and graduate schools that Harvey Mudd College mathematics alumni have chosen in the last five years.

### Job Titles
- Analyst
- Consultant
- Data Engineer
- Mathematician
- Research Associate
- Program Coordinator
- Programmer
- Research Analyst
- Software Engineer
- Solutions Engineer
- Technical Services Engineer
- Trade Developer
- Trader

### Employers
- Acumen LLC
- Allston Trading
- Argus
- Art of Problem Solving
- Brattle Group
- Deallus Consulting
- EdTech
- Epic
- Google
- Harvey Mudd College
- IMC Financial Markets
- Laserfiche
- Massachusetts General Hospital Institute for Technology Assessment
- Microsoft Corporation
- Morgan Stanley
- NASA Ames Research Center
- National Security Agency
- Opera Solutions
- Pacific Northwest National Laboratory
- Peace Corps (Volunteer)
- PredPol Inc.
- Quantcast
- Reasoning Mind
- Teach for America
- UberMedia
- Yelp
- Stanford University School of Education
- The College of William and Mary
- University of California, Berkeley
- University of California, Davis School of Veterinary Medicine
- University of California, Irvine
- University of California, Los Angeles
- University of California, San Diego
- University of California, Santa Barbara
- University of California, Santa Cruz
- University of Washington
- University of Illinois
- University of Massachusetts, Amherst
- University of Michigan
- University of Minnesota
- University of Oregon
- University of Southern California
- University of Texas at Austin
- Vanderbilt University
- Washington State University
- Yale

### Starting Salary Summary
- **High Salary Range**
  - $100,000 – 109,999
- **Low Salary Range**
  - $75,000 – 79,999
- **Median Salary Range**
  - $87,500 – 92,500

### Summer Employers
- Citadel
- Facebook
- Intuit
- Kent State (HMC-Macalester REU)
- LA Clippers
- Microsoft
- Northwestern University
  (Astrophysics research)
- PricewaterhouseCoopers
- TD Securities
- UCLA (Applied Math REU)*
- University of Montana (Cryptography REU)*
- Yelp
- *companies that hired for first-year students

### Average Summer Wages
- **First-year**
  - $18/hour
- **Sophomore**
  - $26.50/hour
- **Junior**
  - $33/hour
Here are just a few areas that may interest a mathematics major.

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<th>Area</th>
<th>Employers</th>
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<td>Environmental analysis</td>
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<td>Consulting</td>
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<td>Trusts</td>
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**What You Can Do Now**
- Gain experience through volunteering, internships and part-time or summer jobs.
- Develop good oral and written communication skills.
- Supplement curriculum with courses in business, economics, computers or statistics for increased job opportunities.
- Build relationships with faculty by conducting research.
- Develop the ability to work well in teams.
- Talk to professionals in areas of interest to enhance knowledge and make contacts.
- Join related student professional associations and seek leadership positions.

**What You Can Do After Graduation**
- An undergraduate degree is often sufficient for entry-level positions, but an advanced degree may open the door to more upper-level opportunities. Pair a strong background in mathematics with another technical discipline such as computer science or engineering.
- A master’s degree in math, business or related fields will be helpful for advanced positions or for consulting jobs.
- A PhD is needed for academic positions and certain areas of research.