



# Computer Professionals Program<sup>SM</sup>

Maharishi University of Management

## Earn a Master's Degree in Computer Science with Paid Internship in a Company in the U.S.



### Overview

In our unique program, which emphasizes object oriented programming, you study full-time on our university campus for two semesters. Then you work for up to 2 years in a full-time paid internship as a software developer in a technology company in the United States, during which time, you complete your education via distance learning. This program is suitable for both U.S. and international students.

Over 1,000 U.S. companies have hired our students, including many of the 50 largest U.S. companies such as Microsoft, Federal Express, Cisco, Amazon, Bank of America, Apple, Oracle, Walmart, AT&T, and General Electric.

Your salary will depend on your skills and experience, but first year earnings are typically \$75,000–\$80,000.

**Maharishi University of  
Management, Fairfield,  
Iowa, USA**



### Contact Us

Email: [intadmis4@mum.edu](mailto:intadmis4@mum.edu)

Website: <http://ComPro.mum.edu>

# Maharishi University of Management

## Fairfield, Iowa, USA

### Computer Professionals Program Outline

1. In the Masters in Computer Science for Computer Professionals program, you start with 2 semester's full-time study on our university campus near Chicago. Then you work for up to two years with a full-paying practical training internship as a software developer at a U.S. company.
2. The standard financial aid package for international students covers low initial tuition payment, single housing, organic dining, and health insurance. After completing coursework on campus, our Career Placement Professionals assist you in locating your internship. At this stage, the University will assist you in getting a loan from a local bank to cover the balance of program costs.
3. The University has relationships with many of America's leading technology companies, but you can apply to work in a position at any U.S. company, and you can negotiate your own salary.
4. Your salary will depend on your skills and experience. Typically, first year earnings are **\$75,000 to \$80,000**. Our students have done internships at more than 1000 U.S. companies, including Microsoft, Federal Express, IBM, Walmart, Amazon.com, Oracle, General Electric, Apple, and Hewlett-Packard.
5. Upon completing your on-campus studies, your remaining courses are taken through part-time distance education on a flexible schedule during evenings or weekends while working at your intern position.



*"I just want to say that with your support, I got two direct-hire offers at Microsoft and I accepted one of them. And the happy thing is that I got a total of five offers up to now. Thank you very much!"*

**—Ductruong Do (from Vietnam)**  
**Practical training at Microsoft**

## Courses Offered

Our program specializes in the areas of software systems and software development using OOP (Java). Core areas of study include: Software Development, Enterprise Architecture, Data Management, Web Applications, Data Science, and other application areas.



- Modern Programming Practices --Java
- Database Management Systems
- Software Engineering
- Computer Networks
- Fundamentals of Algorithms
- Web Application Programming
- Web Application Architecture
- Advanced Software Development
- Big Data Analytics (Data Science)
- Big Data Technologies (Data Science)
- Spring-Hibernate
- Enterprise Architecture
- Parallel Programming
- Operating Systems
- Advanced Programming Languages
- Computer Security
- Systems Analysis and Design
- Mobile Device Programming
- Practicum
- Big Data (Data Science)
- Machine Learning (Data Science)
- Modern Web Applications

## Gain Professional Experience in a U.S. Company As a Software Developer with Pay

You can apply for a practical training internship position as a software developer anywhere in the U.S. The University has relationships with many U.S. technology companies including **Microsoft** where over 100 of our students have been placed, but you can apply for practical training with any company you wish. Our students have been hired by Federal Express, IBM, Walmart, Amazon, Oracle, Apple, General Electric, Cisco, AT&T Bell Labs, and many other leading US companies including many Fortune 500 companies.







## Do you help prepare students for acquiring internships?

Yes, our program includes an intensive three-week Career Strategies Workshop to help you prepare to secure a professional practical training internship position in the U.S. Topics include job searches, resumes, interview skills and job offer evaluations.

Our experienced professional career staff is there to guide you through all of this internship preparation. We also help evaluate internship offers including salary and fringe benefits.

## How much does the program cost?

With our extensive financial aid package, you **only pay \$3,000 to \$7,500 at registration in the U.S.**, depending on the qualification level determined during the application process. **The remaining program costs will be paid through the 'Computer Professionals Loan'** we help arrange for you after you receive a paid internship position. The total cost of the program is **\$41,000- \$43,000** which includes your educational costs of tuition, single-room campus housing, fees and meals for the two semesters, along with health insurance for 12 months.

## How do I repay my program loan?

**The total program loan is repaid from your 'earnings' while you are employed as an intern with a U.S. company.** The average starting salary of our students for practical training positions is currently **\$75,000 - \$80,000** per year which makes the loan repayments very affordable.

The typical repayment amounts are \$1,600 per month while you are working.



*"As a woman, I was afraid of going far in the middle of an unknown world. But Maharishi University was the best place I could go. I was always safe and learned how to grow in every aspect of my life."*

*—Liliana Auquilla (from Ecuador)  
Practical training at DSI Systems*

## Learn the Latest Software Developments from Highly Qualified Ph.D. Faculty



**Greg Guthrie, Ph.D.**

**Dean of Educational Technology, Professor of Computer Science**

**B.S., M.S., Ph.D. Purdue University**

Dr. Guthrie's research interests include: programming languages, teaching of computer science, C++ and Object Oriented programming, Computer systems architecture, and parallel processing.



**Bruce Lester, Ph.D.**

**Professor of Computer Science**

**B.S., M.S., Ph.D. Massachusetts Institute of Technology**

Dr. Lester was a faculty member at Princeton University for two years, prior to joining MUM where he founded the Computer Science Department and served as Chair for eight years. He is author of the book *The Art of Parallel Programming*, which has been adopted as a course text by 62 Universities.



**Keith Levi, Ph.D.**

**Dean of the College of Computer Science, Professor of Computer Science**

**M.A., M.S., Ph.D. University of Michigan**

Dr. Levi worked for Honeywell Systems and Research Center as a Senior Principle Research Scientist on applications of artificial intelligence and expert systems to human-machine interface problems. He has been a principal or associate investigator on research awards from the Air Force's Wright Research and Development Center, the Office of Naval Research, and the United Nations' Industrial Development Office.



**Premchand Nair, Ph.D.**

**Professor of Computer Science and Mathematics**

**Ph.D., Kerala University (Mathematics)**

**Ph.D., Concordia University (Computer Science)**

Dr. Prem Nair has taught a wide spectrum of computer science courses for over twenty years. His teaching interests include: Java programming, Big Data, cloud computing, object oriented design, relational database systems, analysis of algorithms and discrete mathematics, and data structures & algorithms.



**Paul Corazza, Ph.D.**

**Professor of Computer Science and Mathematics**

**M.S., Ph.D., Auburn University**

Dr. Corazza's research interests are logic, set theory, category theory, large cardinals, sets of reals, and the lambda calculus. His research associated with teaching and the software industry are in the areas of algorithm analysis, rules engines, and software engineering. He has worked as a contractor for Google and e-Trade in Silicon Valley, and at several insurance companies in the United States, with 15 years experience as a Java engineer.



**Clyde Ruby, Ph.D.**

**Assistant Professor of Computer Science**

**B.A., Pepperdine University**

**M.A., M.S., Maharishi International University**

**Ph.D., Iowa State University**

Clyde Ruby's research interests include programming language semantics (especially for object-oriented languages), programming methodology, specification (Larch/C++, Java Modeling Language [JML]), and verification.



## Campus and Student life

The first two semesters are spent studying full-time on our beautiful 329 acre university campus in Fairfield, Iowa--a rural setting of forests, farms, walking trails and lakes.

Single rooms are standard for all students to provide quiet and privacy in the residence halls. The rooms are carpeted and fully furnished, and equipped with 24-hour high speed Internet access. Most students are housed in residence halls with central bathrooms. The men and ladies are housed in separate residence halls. Housing options for students and family members in the local city are also available at the candidate's additional expense.

The University also offers a rich social life with music, dance, and theater, and has sports facilities for running, tennis, weight training, basketball, soccer, and swimming, including a 60,000 sq. ft indoor sports center.



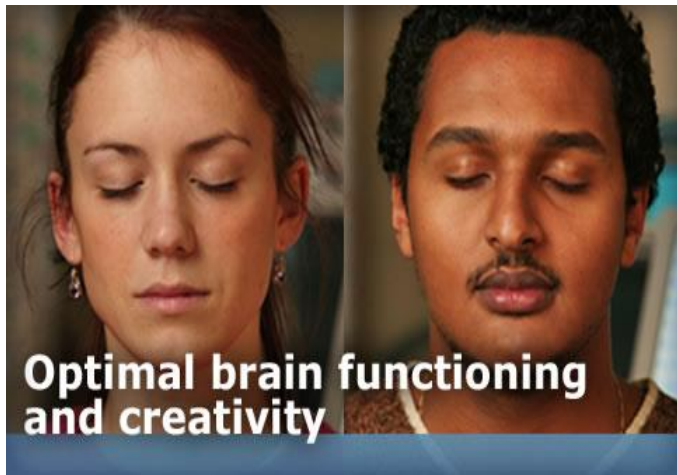
## History of the University

Maharishi University of Management was founded (as Maharishi International University) in 1971 and is accredited by the Higher Learning Commission--the oldest and largest official accrediting body in the United States.

The University offers courses ranging from undergraduate to Ph.D. level. This includes Master's Degrees in Computer Science, Business Administration and Management, Accounting, Filmmaking, Vedic Science and Education. Thousands of students have graduated from our programs over the past nearly 50 years.



## Personal Development through the Transcendental Meditation® Technique



We have incorporated the leading personal development technique for maximizing success and creativity in our curriculum. All students are required to learn the Transcendental Meditation technique (TM) upon arrival as a means to improve their learning ability and job performance.

Over 380 scientific, peer-reviewed studies support the benefits of this simple mental technique to produce deep relaxation, greater intelligence, improved problem-solving ability, recovery from stress, and more energy.

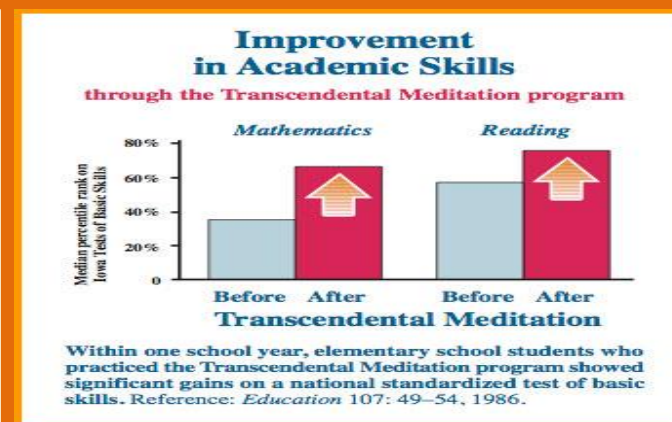
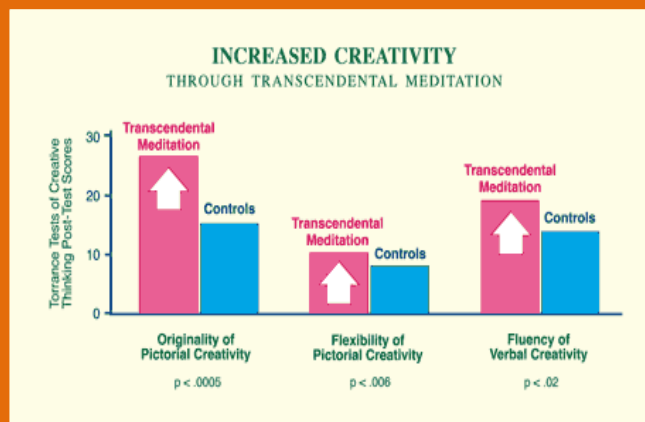
The Transcendental Meditation technique is a simple, natural, effortless mental technique practiced by all students and staff at the University for 20 minutes twice each day. It's not a religion, philosophy, or lifestyle and requires no belief. TM is the most effective and widely researched method of self-development in the world, and has been learned by millions of students and businesspeople.

*"This month I feel that I can get more work done when it's time to work. After practicing the Transcendental Meditation technique I had more energy. It helps me to improve the quality and quantity of the work I do. TM really develops deeper aspects of myself that I have never touched before. I can make more friends and maintain my relationships with them."*

**C.A., from Thailand, working at Hypermedia Systems in California**

*"When my mind is fresh I make better decisions at work. My mind becomes fresh from the practice of the Transcendental Meditation technique."*

**T.W., from Indonesia, working at Tanintco, Inc. in Texas**





# What are the Requirements to Qualify for the Program?

## 1. Academic Requirements

You must possess a 3-4 year undergraduate degree in Computer Science or a related subject from an accredited college or university with a GPA minimum of 2.7 out of 4.

## 2. Work Experience

- 4-year degree graduates require a minimum of 6 months programming experience after graduation.
- 3-year degree graduates require 2-3 year's programming experience.
- Very highly qualified applicants with little or no relevant work experience may be considered if the following criteria are met: (1) Strong GPA, (2) graduation with bachelor's degree in computer science or a closely related field from a top quality university, (3) excellent English skills, and (4) excellent faculty recommendations.

## 2. Knowledge Level

You need to be familiar with one of these languages C, C#, C++ or Java

## 3. Good English Proficiency

You need to be able to read, speak and understand English well.

## How to Apply

You can apply online at <http://ComPro.mum.edu/apply/>.

There are 4 entry dates each year: **February, April, August and October.**

Soon after you have submitted your application, we will notify you of your preliminary status. You will then be asked to: (1) take an online programming test, (2) send in transcripts and other documents, (3) have your spoken English assessed by phone or Skype.

We recommend that you begin to obtain your official college transcripts and diplomas so you will be prepared to submit these items when requested.





## Contact Us

If you have any questions, we are here to help and guide you through the process of applying.

Email: [intadmis4@mum.edu](mailto:intadmis4@mum.edu)

Website: [ComPro.mum.edu](http://ComPro.mum.edu)

## Most Frequently Asked Questions

### What is a GPA?

GPA is the Grade Point Average of your grades during your degree, and sometimes called Cumulative Grade Point Average.

### I am not from the USA can I still join your program?

Yes, almost all our students are international students. In every entry, we have had students from 15 - 25 different countries.

### What is the minimum GPA?

2.7 out of 4.0 is the minimum GPA, but other requirements must also be met.

### What is the degree requirement?

Having at a 3 or 4-year Bachelor's degree in Computer Science or related fields with an acceptable GPA is a requirement.

### What is the work requirement?

A four year degree graduate will need a minimum of 6 months programming work experience. A three year degree graduate will need 2-3 year's work experience. **Graduating or final year students from top universities with a high GPA and no work experience may apply.**

### I have not finished my Bachelors degree yet, can I still apply?

Yes, but you cannot be accepted until we receive official confirmation that your Bachelor's degree is completed.

### Can I take this degree online?

Not at this time, sorry.

**After completing this program, what kind of degree will I get?**

You will receive a Master's Degree in Computer Science.

**What is the length of this program?**

For international students, the program duration is 8-9 months studying on our campus, taking one course each month. Then, taking a 3-week Career Strategies Workshop with our HR experts to prepare for finding a Curricular Practical Training (CPT) paid internship for up to 24 months. Total time is around 32 months, unless you want to go to school full-time for 12-13 months and pay the full amount ahead.

**Do you offer a Masters degree in IT, Computer Networking or Database Management?**

No. We only have a Masters Degree in Computer Science and its focus is on software development and web applications using OOP. A new Data Science track, having additional entry requirements, began in October 2017.

**I don't know how to program with C, C++, C# or Java, am I eligible for this program?**

No. In order to be considered for this particular program, you need to have knowledge in at least one of these programming languages.

**Is there an age limit for joining this program?**

There is no age limit, but it is important to have current knowledge and experience with C, C++, C#, or Java.

**Do you have a branch campus in other countries?**

No, currently our university is located in the U.S. only. See map at <http://ComPro.mum.edu/contact/>.

**I am looking for an undergraduate program, what can I do?**

Please visit our general university website at <http://www.mum.edu> to view our undergraduate programs.

**Is TOEFL or IELTS a requirement for this program?**

No. IELTS is not used, and TOEFL is not required because we do telephone or Skype interviews with applicants to assess English abilities.



### **Is the GRE required?**

No, not unless your GPA is below our minimum requirement of 2.7. However, the GRE general test is required from India (for students with less than two years programming experience) and Iran. If your GPA does not meet our requirement, we will ask for a GRE score to offset the low GPA.

ALTHOUGH THE GRE IS NOT REQUIRED, IT IS STRONGLY RECOMMENDED, BECAUSE EMBASSY OFFICIALS LIKE TO SEE THAT YOU HAVE TAKEN IT WHEN CONSIDERING YOU FOR AN F-1 STUDENT VISA. IT ALSO HELPS TO INCREASE YOUR INITIAL COURSE QUALIFICATION LEVEL, SO YOU MIGHT BE ASKED TO PAY LESS TUITION INITIALLY.

### **If my GPA is less than 2.7, do I still have a chance to be considered for your program?**

With a grade point average below 2.7 out of 4.0 you would need to take the GRE general test, and score at least 70% (158) on the quantitative section to be considered for admission to our MSCS program. See [https://www.ets.org/s/gre/pdf/gre\\_guide\\_table1a.pdf](https://www.ets.org/s/gre/pdf/gre_guide_table1a.pdf) for more information please.

### **How can I apply for your program?**

You can apply online at the following link <http://ComPro.mum.edu/apply/> . You will need your university transcripts in order to fill out the application.

### **How much does it cost for me to apply?**

There is no fee to fill out the initial online application, and it is simple and straightforward.

### **Can you give me a job?**

We are an academically accredited university offering a Master's degree in Computer Science with a required practical training internship (CPT) for non-U.S. students who initially pay a small enrollment amount. We help you with preparing and applying for your paid internship in any company in the U.S. We do not directly hire you.

### **I want to join this program after one year, should I apply now?**

You may apply up to 12 months before your desired entry date.

However, if you simply want to find out if you will qualify for this program, then you may apply prior to 12 months. But you will need to reapply when you are ready to come. For final acceptance, we will need an official English transcript from your university.

### **When may I enroll in your MS in Computer Science program?**

We have 4 entries per year: February, April, August, and October. Please allow 2-3 months for the application and visa process. You may apply up to 12 months prior to desired entry.

### **My English is not good enough to communicate with you in English. Could I use other languages?**

No. In order to join this program, you need to have an acceptable level of writing, speaking and listening in English. If you don't, you will need to improve your English before applying.

### **My transcripts are not in English, what should I do?**

You may fill out the online application, and provide the non-official translation of the courses you have taken in your Bachelor's degree, but we will need to receive official English translations of your transcripts before we can grant final acceptance to the program.

### **Which kind of visa do I need to get to attend your university?**

An F-1 student visa is required.

### **Can you provide me with the visa?**

We assist you in this process. After you complete all the admission and application requirements, and have been granted final acceptance to the program, we will provide you with an I-20 form. This is a legal document that will allow you to apply for an F-1 student visa at the U.S. embassy in your country of residence.

### **Do I have to pay for my room and food during my stay on campus?**

No. Room, food and health insurance are covered during your stay on campus. Students are just required to pay a percentage of the total program cost at the time of enrollment (see <http://ComPro.mum.edu/financial-aid/>). You will be asked to bring \$2200 to cover your personal expenses while studying on campus for 8-9 months.

### **Can I work during my on campus courses?**

No. During your on-campus courses, you will need to focus only on studying.

### **Will you pay for my travelling expenses to the U.S.?**

You are responsible for paying for your own travel costs and visa costs.



### **Do you know anyone who can sponsor me for the initial payment of this program?**

Finding a sponsor is your own responsibility. You can ask friends and family for assistance.

### **Do you have scholarships?**

What we offer is actually better than a scholarship. Low initial cost, bank loan we help arrange, and paid internship that typically earns \$75,000 to \$80,000 a year to start. The loan is easily repaid prior to graduation.

We offer \$1000 scholarships to individuals who score at least 90% on the quantitative section of the GRE (Graduate Record Exam) general test, if it was taken no more than 24 months ago.

### **What are my chances of finding an internship?**

Your chances are excellent. We pre-select students for the program who we think will do well in the U.S. practical training market. If you have properly represented your background and skills, and if you have good communication abilities (written and spoken English), you will do well in today's IT market. Current placement rates for our internship students are 98 to 99%.

### **What are my chances of finding an internship?**

Please see Graduation Requirements [here](#).

